DOCUMENT RESUME

ED 316 411 SE 051 238

| | |
|---|---|
| TITLE | Directory of Great Lakes Education Material. |
| INSTITUTION | International Joint Commission, Windsor (Ontario). Great Lakes Regional Office. |
| PUB DATE | 89 |
| NOTE | 76p.; For the 1987 directory see ED 282 732. |
| AVAILABLE FROM | International Joint Commission, 100 Ouellette, Windsor, Ontario N9A 6T3 Canada (free while supply last). |
| PUB TYPE | Reference Materials - Bibliographies (131) -- Reference Materials - Directories/Catalogs (132) |
| EDRS PRICE | MF01/PC04 Plus Postage. |
| DESCRIPTORS | Audiovisual Aids; Biological Sciences; *Ecology; *Elementary School Science; Elementary Secondary Education; *Environmental Education; Foreign Countries; Instructional Materials; *Marine Education; Science and Society; Science Education; *Science Instruction; Science Materials; *Secondary School Science; Social Studies; Water Pollution; Water Resources |
| IDENTIFIERS | *Great Lakes |

ABSTRACT

The Great Lakes Science Advisory Board of the International Joint Commission surveyed several hundred educators and producers of educational programs. One of the results of the survey was the development of this directory, which is limited to materials and producers of materials dealing with the Great Lakes Basin ecosystem, environmental studies, and ecology in general. Each resource entry is included in a category according to its format. Over 250 resources are grouped into the following categories: (1) audio-visual materials; (2) books; (3) booklets; (4) instructional materials; (5) newsletters; (6) pamphlets; (7) periodicals, serials, journals; (8) special reports; and (9) sources. Most entries include titles, publishers and producers, addresses, publication dates, cost, topic of coverage, emphasis, and audience levels. Also included is an alphabetical/subject index designed to help the user locate particular materials. (CW)

**********
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
**********

ED316411

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

X This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Sally Cole-Misch

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

# *DIRECTORY OF GREAT LAKES EDUCATION MATERIAL*

SE051238

BEST COPY AVAILABLE

**Printed in Canada on recycled paper**

# *DIRECTORY OF GREAT LAKES EDUCATION MATERIAL*

*Published by the Great Lakes Science Advisory Board*
*International Joint Commission*
*1987; reprinted 1988; 1989*

# *PREFACE*

Welcome to the third edition of the *Directory of Great Lakes Education Material*. This project began in 1984, when the Science Advisory Board's Socioeconomics Subcommittee surveyed several hundred educators and producers of educational programs to determine what materials they found most useful in teaching others about the Great Lakes. The goal of the survey was to determine what items were available, and which were used most often for various subject areas and grades. Results of this survey were tabulated, and a followup questionnaire was sent in early 1987 to update responses to produce the first edition of this directory. The second edition in 1988 included minor updates to the listings.

To produce this latest edition, more than 600 educators were surveyed to determine whether there has been an increase in the type and amount of materials available on the Great Lakes, as well as the frequency with which teachers are using these materials. What we found is encouraging.

First, more information is being produced. The wide variety of pamphlets, technical reports and booklets available from government agencies, environmental organizations and scientific bodies continues to expand, and teachers still find this information useful in developing their own educational programs. Second, this information and materials written specifically for the educational setting are getting into teachers' hands more quickly, and from a wider variety of sources. The survey responses hopefully show that greater marketing efforts are being expended to get Great Lakes materials into the classroom, and that teachers are seeking out information on the lakes more than they were even two years ago.

The focus of materials has again changed. While most materials produced in the 1970s were for younger audiences and tended to emphasize geography, history and shipping, books written in the early 1980s were written for older audiences and focused on Great Lakes water quality or quantity issues. Since 1985, the emphasis has shifted to younger audiences — kindergarten through eighth grade, for the most part — and these new materials are including information on how humans affect the ecosystem as well as on the lakes themselves.

Videotapes have replaced slide-tape programs and films as a major avenue for instruction. Finally, while the number of curriculum-based or classroom-ready materials is increasing, teachers listed this as the area where Great Lakes materials are still lacking, particularly those which focus on an ecosystem approach to management of the Great Lakes.

As a result of what we've learned from the latest survey and our own interaction with educators, several changes have been made to the directory; these revisions are highlighted on the next page. Efforts are still needed to encourage state, provincial and local boards of education to include Great Lakes issues in their curriculums, and to assist educators as they develop their own programs based on information from resource materials.

If we are to preserve the Great Lakes ecosystem for the use and enjoyment of future generations, today's young students must learn to appreciate and respect the Great Lakes as a unique system that provides endless benefits for its inhabitants. It is hoped this directory, and its future editions, will provide a list of materials for educators to use in accomplishing this task. On behalf of the Science Advisory Board, we thank all those who participated in the development of this directory, by responding to our surveys and providing materials for inclusion in this third edition of the *Directory of Great Lakes Education Material*.

*Sally Cole-Misch*
*Public Affairs Officer*
*Great Lakes Regional Office*
*International Joint Commission*

*Beverley Croft*
*Information Officer*
*Great Lakes Regional Office*
*International Joint Commission*

# *HOW TO USE THIS BOOK*

The third edition of this directory has been restructured slightly so that educators can more easily locate the type of materials they most want to use. For example, **an alphabetical title index** has been added to the beginning of the directory, which identifies materials by the areas each addresses.

Each resource entry is placed in a category according to its format, from audio-visual to printed form. Materials which were listed in the "Kits" and "Other" sections in previous directory editions are now in the "Instructional" category, and newspaper supplements and university newsletters about the Great Lakes have been added to the "Periodicals" section. In the latter case, educators pointed to these items as being of particular use in preparing learning units.

As much information as possible has been included in each entry: titles, sources, publishing dates, subjects covered, approximate audience level (this is always approximate since all students are not the same), and ISBN/ISSN numbers as available. A list of sources from which an educator can receive materials or additional information on the Great Lakes, has also been included. Special notes from the entry sections are included in the sources section as well.

While the cost of materials is included, we strongly recommend that the educator inquire about costs, including shipping and handling, when they contact each source. Government agencies that normally produce pamphlets and other materials for distribution free of charge may exact a fee for multiple copies, or for shipping and handling.

This directory will be updated biennially. If educators find revisions are necessary in specific listings or have additional resources they would like included in the directory,, we would greatly appreciate these comments and suggestions. Please address all comments and/or updates to:

*Information Services*
*International Joint Commission*
*Great Lakes Regional Office*
*100 Ouellette Avenue, Eighth floor*
*Windsor, Ontario N9A 6T3 (519)256-7821*
*or*
*P.O. Box 32869*
*Detroit, Michigan 48232-2869 (313)226-2170*

# TABLE OF CONTENTS


| SECTION | | PAGE |
|---|---|---|
| | ***Alphabetical Index Chart*** | *vi* |
| *1.* | ***Audio-Visual Materials***<br>This section includes slides, films, videotapes and cassettes. | *1* |
| *2.* | ***Books***<br>Most books found in this section were produced in the 1980s. | *15* |
| *3.* | ***Booklets***<br>This section contains materials produced by government and non-government agencies. | *21* |
| *4.* | ***Instructional Materials***<br>Classroom activities, computer programs, kits and reference directories are contained in this section. | *25* |
| *5.* | ***Newsletters***<br>This section contains the titles of newsletters that deal with the Great Lakes basin as a whole or in part, either occasionally or entirely. | *39* |
| *6.* | ***Pamphlets***<br>This section contains a selected number of pamphlets available from various government and private environmental agencies. | *47* |
| *7.* | ***Periodicals, Serials, Journals***<br>This section contains periodicals, journals and serial publications that are useful to educators in preparing teaching units. | *51* |
| *8.* | ***Special Reports***<br>This section contains special reports from various Great Lakes agencies and organizations. | *55* |
| *9.* | ***Sources***<br>This section contains a list of selected sources of material. These sources produce or collect bodies of information too numerous to list individually, although some important publications may be found listed specifically in other sections. | *59* |

# ALPHABETICAL TITLE INDEX

**Format Codes**

AV = Audio-Visual Materials
BK = Books
BL = Booklets
IM = Instructional Materials
NL = Newsletters
PA = Pamphlets
PR = Periodicals, Serials, Journals
SR = Special Reports

| PAGE | TITLE | FORMAT | AIR POLLUTION | AQUATIC LIFE | CLIMATE | DRINKING WATER | ECONOMICS | ENVIRONMENTAL PROTECTION | EUTROPHICATION | FISH | GEOLOGY | GROUNDWATER | GREAT LAKES | HUMAN HEALTH | INSTITUTIONAL AGREEMENTS | LAKE ERIE | LAKE HURON | LAKE MICHIGAN | LAKE ONTARIO | LAKE SUPERIOR | MONITORING | NAVIGATION | RECREATION | ST. LAWRENCE | TOXIC SUBSTANCES | WATER CYCLE | WATER QUALITY | WATER QUANTITY | WETLANDS | WILDLIFE | REFERENCES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Acid Rain | AV | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Acid Rain: The Choice is Ours | AV | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Acid Rain Curriculum: Grades 6-12 | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Acid Rain in Minnesota: A Teacher's Resource Guide | AV | ● | | | | ● | | | | | | | | ● | | | | | | | | | | | | | | | | |
| 2 | Acid Rain: Requiem or Recovery? | AV | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | Acid Rain Story — The Facts | PA | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | Acid Rain: The Facts for Michigan | PA | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | Acid Rain UPDATE | NL | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Activities from Middle Sea | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 56 | Activities Report, International Joint Commission | PR | ● | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | |
| 40 | Advisor | NL | ● | | | | ● | ● | | | | | | | ● | | | | | | | ● | | | | | ● | ● | | | |
| 2 | The Aging of Lakes | AV | ● | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 2 | The Aging of Lakes (2nd edition) | AV | ● | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 48 | Alternative Home Cleaners | PA | ● | | | | ● | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | Alternatives | PR | ● | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 26 | D.J. Angus Research Vessel | IM | ● | | | | | | | | | | ● | | | | | | | | ● | ● | | | | | | | | | |
| 56 | Annual Report, Great Lakes Fishery Commission | PR | ● | | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | |
| 26 | Appreciating Your Great Lakes — A Guide | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 26 | Aquatic Activities | IM | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Aquatic Project Wild | IM | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | Are Great Lakes Fish Safe to Eat? | IM | ● | | | | | | | ● | | | | ● | | | | | | | | | | | | | ● | | | | |
| 52 | Around the Archipelago | PR | ● | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | |
| 3 | Basin Without Boundaries | AV | ● | | | | | | | | | | ● | | | | | | | | | | ● | | | | | | | | |
| 3 | Beach Erosions | AV | ● | | | | | | | | ● | | ● | | | | | | | | | | ● | | | | | | | | |
| 3 | Beach Patterns: Units One and Two | AV | ● | | | | | | | | ● | | ● | | | | | | | | | | ● | | | | | | | | |
| 27 | Canadian Sources of Environmental Information | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 40 | Canadian Water Watch | NL | ● | ● | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 40 | The Chadburn | NL | ● | | | | | | | | | | ● | | | | | | | | | ● | | | | | | | | | |
| 22 | Citizen Action in Developing Clean-up Plans | BK | ● | | | | | ● | | | | | | | | | | | | | | | | | | ● | | | | | |
| 56 | A Citizen's Agenda for Restoring Lake Ontario | SR | ● | | | | | | | | | | | | | | | | ● | | | | | | | ● | | | | | |
| 22 | A Citizen's Guide to Contaminated Sediment Clean-up | BK | ● | | | | | ● | | | | | | | ● | | | | | | | | | | | ● | | | | | |
| 22 | A Citizen's Guide to the Great Lakes Water Quality Agreement | BK | ● | | | | | | | | | | | | ● | | | | | | | | | | | ● | | | | | |
| 40 | Coastal Educators News | NL | ● | | | | | | ● | | | | ● | | | | | | | | | | | | | ● | | | | | |
| 40 | Coastlines | NL | ● | ● | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | |
| 40 | Conservation Mentor | NL | ● | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 27 | Co-operative Games for People Who Love to Play | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 41 | Council Commentary | NL | ● | | | | ● | ● | | | | | | | | | | | | | | | ● | | | | | | | | |
| 3 | Crisis in the Rain | AV | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Cross Border Litigation | BK | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Cruising Guide to the Great Lakes | BK | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Cry of the Gull | AV | ● | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 56 | Currents of Change | SR | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | |
| 27 | Curriculum for Grades 4-8 | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Debate Coaches | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Decisions for the Great Lakes | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 48 | Dioxin in Great Lakes Fish | PA | ● | | | | | | | ● | | | | ● | | | | | | | | | | | | | ● | | | | |
| 28 | Directory of Acid Rain and Air Quality Materials | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Discover the 5 | IM | ● | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 28 | Disk Computer Programs | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | |
| 28 | The Disposal Game | IM | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | The Dotted Dragon | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Drinking Water: A Community Guide | BK | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | EE News | SR | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Earthwatching III: An Environmental Reader | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Earth, Wind and Water | AV | ● | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | |
| 48 | Eating Great Lakes Fish | PA | ● | | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | |
| 29 | Educator's Guide to Great Lakes Materials | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | The Enduring Great Lakes: A Natural History Book | BK | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# ALPHABETICAL TITLE INDEX

**Format Codes**

AV = Audio-Visual Materials
BK = Books
BL = Booklets
IM = Instructional Materials
NL = Newsletters
PA = Pamphlets
PR = Periodicals, Serials, Journals
SR = Special Reports

| PAGE | TITLE | FORMAT | AIR POLLUTION | AQUATIC LIFE | CLIMATE | DRINKING WATER | ECONOMICS | ENVIRONMENTAL PROTECTION | EUTROPHICATION | FISH | GEOLOGY | GROUNDWATER | GREAT LAKES | HUMAN HEALTH | INSTITUTIONAL AGREEMENTS | LAKE ERIE | LAKE HURON | LAKE MICHIGAN | LAKE ONTARIO | LAKE SUPERIOR | MONITORING | NAVIGATION | RECREATION | ST. LAWRENCE | TOXIC SUBSTANCES | WATER CYCLE | WATER QUALITY | WATER QUANTITY | WETLANDS | WILDLIFE | REFERENCES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | Environment | PR | | | | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | |
| 41 | Environment Views | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | ● |
| 41 | Environmental Communicator | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 16 | Environmental Diplomacy: Transboundary Relations | BK | ● | | | | | | | | | | | | ● | | | | | | | | | | | | ● | ● | | | |
| 29 | Environmental Education Activities Manual | IM | | | | | | | | | | | | | | | | | | | | ● | | | | | ● | | | | |
| 4 | Environmental Issues of Lake Superior | AV | | | | | | | | | | | | | | | | | | ● | | | | | | | ● | | | | |
| 29 | Environmental Resource Book | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 29 | Environmental Resource Directory | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 16 | Erie: The Lake That Survived | BK | | | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | | |
| 48 | Fact Sheets - Great Lakes Areas of Concern | PA | | | | | | ● | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 49 | Fall Beachcombing | PA | | | | | | | | ● | | | | | | | | | | | | | ● | | | | | | | | |
| 22 | Farmland: A Community Issue | BL | | | | | | ● | | | | ● | | | ● | | | | | | | | | | | | | | | | |
| 41 | Federation Highlights | NL | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 29 | Field Manual for Water Quality Monitoring | IM | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 30 | Fish of Lake Superior | IM | | | | | | | | ● | | | | | | | | | | ● | | | | | | | | | | | |
| 52 | FOCUS A Special Report | PR | | | | | | ● | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 41 | FOCUS on International Joint Commission Activities | NL | | | | | | ● | | | | | | | ● | | | | | | | | | | ■ | | ● | ● | | | |
| 30 | Food Chain Game | IM | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | FreshWater | PR | | | | | | | | | | | ● | | | | | | | | | | ● | | | | | | | | |
| 4 | The Great Cleanup | AV | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 22 | The Great Lake Erie | BL | | | | | | | | | | | ● | | | ● | | | | | | | | | | | | | | | |
| 4 | The Great Lakes | AV | | | | | | | | ● | | | ● | | | | | | | | | | | | | ● | | | | | |
| 17 | The Great Lakes | BK | | | | | | | | | | | ● | | | | | | | | | | | | | | ● | | | | |
| 30 | The Great Lakes | IM | | | | | | | | | | | ● | | | | | | | | | | ● | | | | | | | | |
| 30 | Great Lakes Agreement Information Kit | IM | | | | | | ● | | | | | | | ● | | | | | | | | | | | ● | ● | | | | |
| 49 | Great Lakes Brochures | PA | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | | ● | | | ● | ● | ● | | | |
| 4 | Great Lakes Chronology | AV | | | | | | | | | ● | | ● | | | | | | | | | | | | | | ● | | | | |
| 30 | The Great Lakes: An Environmental Atlas & Resource Book | IM | | | | | ● | ● | | | ● | | | | ● | ● | ● | ● | ● | ● | | | | ● | ● | ● | ● | ● | | | ● |
| 6 | Great Lakes: Part 1 - Lake Michigan and Lake Superior | AV | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| 6 | Great Lakes: Part 2 - Lakes Erie, Huron and Ontario | AV | | | | | | | | | | | | | | ● | ● | | ● | | | | | | | | | | | | |
| 56 | The Great Lakes: A Stewardship Left Unattended | SR | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 53 | The Great Lakes, A Toxic Tragedy | PR | | | | | | | | | | | | ● | | | | | | | | | | | ● | | | | | | |
| 17 | Great Lakes Climatology Atlas | BK | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 5 | The Great Lakes Connection | AV | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 17 | The Great Lakes Economy: A Resource and Industry Profile | BK | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | The Great Lakes Education Speakers Bureau Directory | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 31 | Great Lakes Experts Directory | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 31 | A Great Lakes Fur Trade Coloring Book | IM | | | | | ● | | | | | | | | | | | | | | | | | | | | | | ● | ● | |
| 5 | The Great Lakes: How They Were Formed | AV | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | |
| 31 | The Great Lakes in My World | IM | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | ● |
| 5 | The Great Lakes: No Free Lunch | AV | | | | | | | ● | | | | | | | | | | | | | | | | | ● | ● | ● | ● | | |
| 5 | The Great Lakes: North America's Inland Seas | AV | | | | | ● | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 5 | The Great Lakes: Only If You Care | AV | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 6 | The Great Lakes: Our Joint Heritage | AV | | | | | ● | | | | | | | | ● | | | | | | | | ● | | | | | | | | |
| 23 | The Great Lakes Primer | BL | | | | | | | | | ● | | | | | | | | | | | | | | ● | | | | | | |
| 42 | Great Lakes Program | NL | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | ● |
| 17 | The Great Lakes Region in Children's Books | BK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 42 | The Great Lakes Reporter | NL | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | ● | | | |
| 17 | Great Lakes Shipwrecks and Survivals | BK | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 53 | The Great Lakes — A Special Report | PR | | | | | | | | | ● | | | | | | | | | | | | | | ● | | | | | | |
| 31 | The Great Lakes: Teacher's Guide | IM | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | ● |
| 31 | Great Lakes Toxic Hotspots | IM | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 6 | The Great Lakes: Troubled Waters | AV | | | | | | | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 53 | The Great Lakes - Troubled Waters | PR | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | |
| 42 | The Great Lakes United | NL | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | ● | | | |
| 23 | Great Lakes Water Levels | BL | | | | | | | | | ● | | | | | | | | | | | | | | | | | ● | | | |
| 18 | Great Stories of the Great Lakes | BK | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 4 | The Greatest Lakes | AV | | ● | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 42 | Greenpeace Great Lakes | NL | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | ● | | | |

## ALPHABETICAL TITLE INDEX

**Format Codes**

- AV = Audio-Visual Materials
- BK = Books
- BL = Booklets
- IM = Instructional Materials
- NL = Newsletters
- PA = Pamphlets
- PR = Periodicals, Serials, Journals
- SR = Special Reports

| PAGE | TITLE | FORMAT | AIR POLLUTION | AQUATIC LIFE | CLIMATE | DRINKING WATER | ECONOMICS | ENVIRONMENTAL PROTECTION | EUTROPHICATION | FISH | GEOLOGY | GROUNDWATER | GREAT LAKES | HUMAN HEALTH | INSTITUTIONAL AGREEMENTS | LAKE ERIE | LAKE HURON | LAKE MICHIGAN | LAKE ONTARIO | LAKE SUPERIOR | MONITORING | NAVIGATION | RECREATION | ST. LAWRENCE | TOXIC SUBSTANCES | WATER CYCLE | WATER QUALITY | WATER QUANTITY | WETLANDS | WILDLIFE | REFERENCES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | Groundwater: A Community Action Guide | BK | | | | | | | | | | ● | | ● | ● | | | | | | | | | | | | ● | | | |
| 42 | Groundwater Notes | NL | | | | | | | | | | ● | | | ● | | | | | | | | | | | | | | | |
| 6 | H_Overview | AV | | | | ● | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 7 | The Harmony Puzzle | AV | | | | | ● | | | | | | | | ● | | | | | | | | | | | | | | | |
| 23 | Hazardous Wastes from Homes | BK | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | |
| 42 | The Helm | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | Horisons | NL | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | |
| 7 | Hot Potato | AV | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 31 | Household Hazardous Waste Wheel | IM | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | |
| 56 | IAGLR Program and Abstracts | PR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | The IJC, What It Is, How It Works | PA | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | |
| 7 | The Inland Lake Demonstration Project | AV | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 43 | Inland Seas | NL | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 18 | The Inland Seas: A Journey Through the Great Lakes | BK | | | | | | | | | ● | | ● | | | | | | | | | | | | | | | | | |
| 32 | Investigating the Great Lakes Environment | IM | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | |
| 7 | Islands of Spirit | AV | | | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | |
| 53 | Journal of Environmental Education | PR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | Journal of Great Lakes Research | PR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | Lacustrine Lessons | NL | | ● | | | | | ● | | | | ● | | | | | | | | | | | | | | ● | | | |
| 7 | The Lake at our Doors/It's Clear as Mud/ Legacy of a Glacier | AV | | | | | | | | ● | | | | | | | | | | | ● | | | | | | | | | |
| 8 | Lake Erie Promise | AV | | | | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | | |
| 8 | Lake Michigan - An Issue for the '80s | AV | | | | | | | | | | | | | | | | ● | | | | | | | | | ● | | | |
| 43 | Lake Michigan - Monitor | NL | | | | | | ● | | | | | | | | | | ● | | | | | | | | | ● | ● | | |
| 49 | Lake Michigan Sport Fish - Should you eat your catch? | PA | | | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | |
| 18 | Lake Ontario Nearshore Water Quality Atlas | BK | | | | | | | | | | | | | | | | | ● | | | | | | | | ● | | | |
| 8 | Lake Renewal Techniques | AV | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 32 | The Lake Superior Game | IM | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | |
| 32 | Lake Survey Charts | IM | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | |
| 43 | Lake Tides | NL | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | |
| 8 | Lake Trout Story | AV | | | | | | | | ● | | | | | | | | | | | | | | | ● | | | | ● | |
| 43 | Lakes Letter | NL | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 18 | The Late, Great Lakes: An Environmental History | BK | | | | | | | | | ● | | | | ● | | | | | | | | | | | | ● | ● | | |
| 43 | Littoral Drift | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 32 | Living in Water | IM | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | Living Lightly on the Planet | IM | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 57 | Living with the Lakes: Challenges and Opportunities | SR | | | | | | | | | | | ● | | ● | | | | | | | | | | | | | ● | | |
| 32 | M.V. Macassa Bay | IM | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | | |
| 53 | Managing the Great Lakes Basin as a Home | PR | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 33 | Michigan Sand Dunes, Teacher's Guide | IM | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | |
| 44 | Michigan Waste Report | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 53 | More Precious Than Gold: The Story of Water in Michigan | PR | | | | | | | | | | | | | | | | ● | | | | | | | | | ● | | | |
| 44 | Natural Resources Register | NL | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | | | |
| 44 | Network News | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 33 | NIMBI | IM | | | | | | | | | | | | | | | | | | | | ● | ● | | | | ● | | | |
| 8 | The Northern Lakes and Their Inhabitants | AV | | ● | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 8 | Not Man's to Command | AV | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | NWRI Digest | NL | | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | |
| 33 | OEAGlets (Oceanic Education Activities for Great Lakes) | IM | | | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | |
| 33 | OEAGLS (Oceanic Education Activities for Great Lakes) | IM | | | | | | | ● | ● | | | | | | ● | | | | | | ● | | | ● | | ● | ● | | |
| 33 | Our Great Lakes Connection: A Curriculum Guide | IM | | | | | | | | ● | | ● | | | | | | | | | | | | | ● | | | | | |
| 33 | Our Great Lakes Heritage | IM | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 34 | The Outdoor Classroom | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | Our Fragile Future | PR | | | | | | ● | | | | | | ● | | | | | | | | | ● | | | | | | | |
| 54 | An Overview of Canadian Law and Policy | PR | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | |
| 18 | Paddle-to-the-Sea | BK | | | | | | | | ● | | ● | | | | | | | | | | | ● | | | | | | | |
| 9 | Paddle-to-the-Sea | AV | | | | | | | | ● | | ● | | | | | | | | | | | ● | | | | | | | |
| 34 | Paddle-to-the-Sea | IM | | ● | | | | | | ● | | ● | | | | | | | | | | | ● | | | | | | | |
| 9 | Perspectives in Science | AV | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# ALPHABETICAL TITLE INDEX

**Format Codes**

AV = Audio-Visual Materials
BK = Books
BL = Booklets
IM = Instructional Materials
NL = Newsletters
PA = Pamphlets
PR = Periodicals, Serials, Journals
SR = Special Reports

| PAGE | TITLE | FORMAT | AIR POLLUTION | AQUATIC LIFE | CLIMATE | DRINKING WATER | ECONOMICS | ENVIRONMENTAL PROTECTION | EUTROPHICATION | FISH | GEOLOGY | GROUNDWATER | GREAT LAKES | HUMAN HEALTH | INSTITUTIONAL AGREEMENTS | LAKE ERIE | LAKE HURON | LAKE MICHIGAN | LAKE ONTARIO | LAKE SUPERIOR | MONITORING | NAVIGATION | RECREATION | ST. LAWRENCE | TOXIC SUBSTANCES | WATER CYCLE | WATER QUALITY | WATER QUANTITY | WETLANDS | WILDLIFE | REFERENCES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | Perspectives on Ecosystem Management for the Great Lakes | BK | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 9 | Pesticides and Wildlife | AV | | | | | | | | ● | | | | | | | | | | | | | | | ● | | | | ● | | |
| 54 | Pesticides in America | PR | | | | | | | | | | | | ● | | | | | | | | | | | ● | | | | | | |
| 9 | Petals of Flower Hill | AV | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | | | |
| 10 | Pollution of the Great Lakes | AV | | | | | | | | ● | | | | | ● | | | | | | | | | | ● | | ● | | | | |
| 34 | Dr. Possibilities, Lake Healing Extravaganza | IM | | | | | | | | | | | | | | | | | ● | | | | ● | | | | ● | | | | |
| 44 | The Probe Post | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Promises to Keep | AV | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | ● | | | |
| 57 | Protecting Minnesota's Waters | SR | | | | | | | | | | ● | | | | | | | | ● | | | | | | | | | | | |
| 34 | Rain, Rain Go Away | IM | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | Ranger Rick's Naturescope: Wading into Wetlands | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | |
| 49 | Remedial Action Plans for Areas of Concern | PA | | | | | | ● | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 57 | Report on Great Lakes Water Quality | SR | | | | | | | | | | | | | ● | | | | | | | | | | ● | | ● | | | | |
| 23 | Revised Great Lakes Water Quality Agreement of 1978 | BL | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 10 | Rise and Fall of the Great Lakes | AV | | | | | | | ● | | ● | | | | | | | | | | | | | | | | | ● | | | |
| 10 | St. Lawrence/Great Lakes System | AV | | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | | |
| 23 | St. Lawrence River: Its Economy and Environment | BL | | | | | ● | | | | | | | | | | | | | | | | | ● | | | | | | | |
| 10 | St. Lawrence: Stairway to the Sea | AV | | | | | | | | | | | ● | | | | | | | | | | | ● | | | | | | | |
| 35 | Save Our Streams | IM | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | |
| 11 | Saving the Great Lakes | AV | | | | | | ● | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 35 | The Schoolship Program | IM | | | | | | | | | | | | | | | | ● | | ● | ● | | | | | | | | | | |
| 54 | Seasons | PR | ● | | | | | | | | | | ● | | | | | | | | | | | | | | | | ● | ● | |
| 44 | The Seiche | NL | | | | | | | | | | | ● | | | | | | | | | | ● | | | | ● | ● | | | |
| 35 | SERAPHIM | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 35 | Sportsfishing and Aquatic Resources Education Program | IM | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | |
| 57 | State of the Great Lakes Annual Report | SR | | | | | | ● | | | | | | | ● | | | | | | | | | | ● | | | | | | |
| 57 | A Strategy for the Wise Use of Pesticides and Nutrients | SR | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 49 | Superior Pursuit: Facts about the Greatest Great Lake | PA | | | | | | | | ● | ● | | | | | | | | | ● | | | | | | | ● | | | | |
| 11 | Superior Today | AV | | ● | | | ● | | | | ● | | | | | | | | | ● | | | | | | | | | ● | | |
| 19 | The Sweet Water Sea: A Guide to Lake Huron's Georgian Bay | BK | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 44 | SWIM - Safe Waters in Michigan | NL | | | | | ● | | | | | | | ● | | | | | | | | | | | | | ● | | | | |
| 54 | Taming the Great Lakes: Is It Really Necessary? | PR | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 11 | Testing the Waters | AV | | | | | | | | | | | | | ● | | | | | | ● | | | | | | | | | | |
| 19 | To the Last Drop | BK | ● | | | | | | | | | | | | | | | | | | | | | | ● | | | ● | | | |
| 11 | Too Thick to Navigate, Too Thin to Cultivate | AV | | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | | | |
| 19 | Toxic Contamination in Large Lakes | BK | | | | | | | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 49 | Toxic Substances | PA | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 54 | Tracks | PR | | ● | | | | ● | | ● | | | ● | | | | | | | | | | | | | | | ● | | | |
| 35 | Treasures in Your Garbage | IM | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | A Tribute to the Great Lakes | PR | | | | | | | | ● | | | ● | | ● | | | | | | | | | | | | ● | | | | |
| 11 | The Trouble with Toxics | AV | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 45 | Twine Line | NL | | ● | | | | | | ● | | | | | | | | | | | | | | | | | ● | | | | |
| 45 | U.S. Water News | NL | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | |
| 57 | Unfulfilled Promises | SR | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | | | | |
| 50 | Upstream - Downstream | PA | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 45 | Upwellings | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | |
| 12 | The Vital Option | AV | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | |
| 35 | Voyageur Prints | IM | | | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | |
| 12 | Warnings on the Wind | AV | ● | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 45 | Waste Reduction Bulletin | NL | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Water | IM | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 36 | Water Conservation | IM | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | Water for Life -The Tour of the Great Lakes | SR | | | | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | |
| 50 | Water - here, there and everywhere | PA | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 45 | Water Impacts | NL | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | |
| 58 | Water Levels Bulletin | SR | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 50 | Water - Nature's Magician | PA | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | |
| 12 | Water-Related Teaching Activities | AV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 12 | Water Resource Series | AV | | | | | | | | | | ● | | | | | | | | | | | | | | ● | | | ● | | |

# ALPHABETICAL TITLE INDEX

**Format Codes**

AV = Audio-Visual Materials
BK = Books
BL = Booklets
IM = Instructional Materials
NL = Newsletters
PA = Pamphlets
PR = Periodicals, Serials, Journals
SR = Special Reports

| PAGE | TITLE | FORMAT | AIR POLLUTION | AQUATIC LIFE | CLIMATE | DRINKING WATER | ECONOMICS | ENVIRONMENTAL PROTECTION | EUTROPHICATION | FISH | GEOLOGY | GROUNDWATER | GREAT LAKES | HUMAN HEALTH | INSTITUTIONAL AGREEMENTS | LAKE ERIE | LAKE HURON | LAKE MICHIGAN | LAKE ONTARIO | LAKE SUPERIOR | MONITORING | NAVIGATION | RECREATION | ST. LAWRENCE | TOXIC SUBSTANCES | WATER CYCLE | WATER QUALITY | WATER QUANTITY | WETLANDS | WILDLIFE | REFERENCES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | Water: The Liquid of Life | IM | | | | ● | | ● | | | | | | | | | | | | | | | | | | ● | ● | | | | |
| 36 | Water Sense Wheel | IM | | | | ● | | | | | | | | | | | | | | | | | | | ● | | ● | | | | |
| 36 | Water Watch | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 36 | Water Wheel | IM | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 36 | Water Wisdom | IM | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | |
| 37 | Water Wise | IM | | | | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | |
| 37 | Water World | IM | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Waterwalker | AV | | | | | | | | | | | | | | | | | | ● | | | ● | | | | ● | | | | |
| 37 | Welcome to the Wetlands | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | |
| 37 | Wetlands Affect You and Me | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | |
| 37 | Wetlands are Wonderlands | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | |
| 37 | The World Game | IM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 13 | The Wreck and Rescue of the Schooner J.H. Hartzell | AV | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |

## *SECTION 1. AUDIO-VISUAL MATERIALS*

*This section includes slides, films, videotapes and cassettes.*

**Acid Rain**

| | |
|---|---|
| Format: | cassette #NJ820223 |
| Source: | National Public Radio, Cassette Publishing |
| Date: | 1982 |
| Subject: | leading experts trace the origins of acid rain, highlight the difficulties of separating scientific from political and economic questions and explain why the problem is so costly to solve |
| Length: | 30 min |
| Level: | grade 7 - adult/general |
| Cost: | $9.95 US funds |

**Acid Rain: The Choice is Ours**

| | |
|---|---|
| Format: | slide/tape program |
| Source: | Minnesota Pollution Control Agency |
| Date: | 1980 |
| Subject: | environmental pollution and air emissions |
| Length: | 19 min |
| Level: | all ages |
| Cost: | free loans |

**Acid Rain: Requiem or Recovery?**

| | |
|---|---|
| Format: | 16 mm film |
| Source: | Minnesota Pollution Control Agency |
| Date: | 1982 |
| Subject: | acid rain; environmental studies (produced by National Film Board of Canada) |
| Length: | 28 min |
| Level: | grade 7 - adult |
| Cost: | free loan |

**The Aging of Lakes**

| | |
|---|---|
| Format: | film |
| Source: | The University of Michigan, Film and Video Library |
| Date: | 1971 |
| Subject: | process of natural aging and eventual death of lakes |
| Length: | 14 min |
| Level: | grades 8 - 12, undergraduate, adult |
| Cost: | $14.75 US funds |

**The Aging of Lakes** (second edition)

| | |
|---|---|
| Format: | film or video |
| Source: | Britannica Learning Materials |
| Date: | 1988 |
| Subject: | lake aging process through animation and photography |
| Length: | 15 min |
| Level: | grades 8 - 12, undergraduate, adult |
| Cost: | film/$630 Cdn — video/$413 Cdn plus shipping and handling U.S. Britannica, Chicago: film/$420 US — video/$295 US plus shipping and handling |

**Basin without Boundaries**

| | |
|---|---|
| **Format:** | VHS |
| **Source:** | Center for Environmental Study |
| **Date:** | fall 1985 |
| **Subject:** | Great Lakes issues, panel discussion |
| **Length:** | 57 min 40 sec |
| **Level:** | high school, college, adult |
| **Cost:** | rental: $10 US funds |

**Beach Erosions**

| | |
|---|---|
| **Format:** | eight slides plus worksheet/script |
| **Source:** | National Earth Science Teachers Association |
| **Date:** | 1989 |
| **Subject:** | erosions on a smaller scale, sedimentation, movement |
| **Level:** | grade 7 - adult/general |
| **Cost:** | $8 US funds |

**Beach Patterns: Units One and Two**

| | |
|---|---|
| **Format:** | Unit One: seven slides plus worksheets;<br>Unit Two: six slides plus worksheets |
| **Source:** | National Earth Science Teachers Association |
| **Date:** | 1988 |
| **Subject:** | sediment patterns |
| **Level:** | grades 4 - 12 |
| **Cost:** | $8 US funds for each set |

**Crisis in the Rain**

| | |
|---|---|
| **Format:** | 16 mm film or VHS videotape |
| **Source:** | Visual Education Centre |
| **Date:** | 1983 |
| **Subject:** | transboundary concerns, U.S.-Canadian relations |
| **Length:** | 27 min |
| **Level:** | grade 7 - undergraduate |
| **Cost:** | purchase: film $675 Cdn funds; videotape $350 Cdn funds<br>rental: film $105 Cdn funds for three days |

**Cry of the Gull**

| | |
|---|---|
| **Format:** | 16mm film |
| **Source:** | National Film Board of Canada |
| **Date:** | 1977 |
| **Subject:** | Great Lakes pollution related to health of gulls |
| **Length:** | 26 min |
| **Level:** | grade 7 - undergraduate, adult/general |
| **Cost:** | purchase only; for further information contact NFB library |

**Earth, Wind and Water**

| | |
|---|---|
| **Format:** | VHS |
| **Source:** | National Film Board of Canada |
| **Date:** | 1988 |
| **Subject:** | four titles including: Estuary, Rise and Fall of the Great Lakes, Splash and Gulf Stream |
| **Length:** | 69 min |
| **Level:** | all ages |
| **Cost:** | rental; for further information contact NFB library |

**Environmental Issues of Lake Superior**

| | |
|---|---|
| Format: | slide/tape program |
| Source: | Sigurd Olson Environmental Institute |
| Date: | 1989 |
| Subject: | environmental issues of Lake Superior |
| Length: | 28 min |
| Level: | grades 6 - 12 |
| Cost: | $7.50 rental fee |

**The Great Cleanup**

| | |
|---|---|
| Format: | 16mm film |
| Source: | National Film Board of Canada |
| Date: | 1976 |
| Subject: | environmental restoration, U.S.-Canadian cooperation, Great Lakes |
| Length: | 52 min |
| Level: | grade 10 - adult/general |
| Cost: | purchase or rental, for further information contact NFB library |

**The Greatest Lakes**

| | |
|---|---|
| Format: | 1/2" VHS videotape #11987 |
| Source: | University of Wisconsin Extension, Bureau of Audio-Visual Instruction |
| Date: | 1984 |
| Subject: | U.S.-Canadian relations, scientific approach to restocking sea life in freshwaters |
| Length: | 30 min |
| Level: | grade 7 - adult |
| Cost: | $11 US funds |

**The Great Lakes**

| | |
|---|---|
| Format: | filmstrips, cassettes, guide |
| Source: | Hawkhill Associates, Inc. |
| Date: | 1981 |
| Subject: | three filmstrips bring to life the geology, history and ecology of Great Lakes region |
| Length: | 57 min |
| Level: | grades 7 - 12 |
| Cost: | purchase: $119; rental: $59 US funds |

**Great Lakes Chronology**

| | |
|---|---|
| Format: | 16 mm film |
| Source: | U.S. Fish and Wildlife Service |
| Date: | 1977 |
| Subject: | Great Lakes, history, exploitation |
| Length: | 30 min |
| Level: | grade 10 - adult/general; available only to those in MN, MI, WI, IL, IN and OH |
| Cost: | free loan, pay return postage |

**The Great Lakes Connection**

| | |
|---|---|
| **Format:** | 16 mm film |
| **Source:** | U.S. Army Corps of Engineers |
| **Date:** | 1978 |
| **Subject:** | Great Lakes with Sault Ste. Marie connection |
| **Length:** | 20 min |
| **Level:** | adult |
| **Cost:** | contact Public Affairs source |

**The Great Lakes: How They Were Formed**

| | |
|---|---|
| **Format:** | 16mm film #00872 |
| **Source:** | University of Wisconsin Extension, Bureau of Audio-Visual Instruction |
| **Date:** | 1951 |
| **Subject:** | animation and live action to explain the Great Lakes' formation; shows how glaciers form, move and shape land surfaces |
| **Length:** | 11 min |
| **Level:** | grades 4 - 12, teacher resource |
| **Cost:** | $8.50 US funds |

**The Great Lakes: No Free Lunch**

| | |
|---|---|
| **Format:** | 3/4" U-matic video, other formats available by special request |
| **Source:** | University of Michigan, Film and Video Library |
| **Date:** | 1981 |
| **Subject:** | toxic substances, eutrophication, wetlands, erosion, dredging |
| **Length:** | 29 min |
| **Level:** | grade 10 - undergraduate, adult |
| **Cost:** | 23 US funds |

**The Great Lakes: North America's Inland Seas**

| | |
|---|---|
| **Format:** | 16mm film or video — #3118 |
| **Source:** | Britannica Learning Materials |
| **Date:** | 1971 |
| **Subject:** | the importance of the Great Lakes to the development and economy and how they provided passage to new frontiers |
| **Length:** | 17 min |
| **Level:** | grades 6 - 12 |
| **Cost:** | 16mm $375, video $260 US funds |

**The Great Lakes: Only If You Care** (English version)
**Les Grand Lacs, s'ils vous plaisent** (French version)

| | |
|---|---|
| **Format:** | 16mm film |
| **Source:** | National Film Board of Canada |
| **Date:** | 1980 |
| **Subject:** | Great Lakes, pollution, control measures |
| **Length:** | 10 min |
| **Level:** | grade 6 - adult/general |
| **Cost:** | purchase only; for further information contact NFB library |

**The Great Lakes: Our Joint Heritage/Tolls on the Seaway/Winter Navigation on the Great Lakes**

Format: VHS videotape
Source: University of Michigan, Film and Video Library
Date: 1981
Subject: three-part review: 1972 and 1978 Great Lakes Water Quality Agreement; cost recovery for waterways; methods of extending the shipping season
Length: 35 min each
Level: grade 7 - adult/general
Cost: loan

**Great Lakes: Part 1 - Lake Michigan and Lake Superior**

Format: 1/2" VHS videotape
Source: University of Wisconsin Extension, Bureau of Audio-Visual Instruction
Date: 1989
Subject: explores the history and importance of the two largest Great Lakes
Length: 26 min
Level: grades 5 - 12
Cost: $13 US funds

**Great Lakes: Part 2 - Lakes Erie, Huron and Ontario**

Format: 1/2" VHS videotape
Source: University of Wisconsin Extension, Bureau of Audio-Visual Instruction
Date: 1989
Subject: story of the Great Lakes region, concentrating on transportation, industry, recreation and scenery
Length: 24 min
Level: grades 5 - 12
Cost: $13 US funds

**The Great Lakes: Troubled Waters**

Format: 16mm film — videocassette
Source: National Film Board of Canada
Date: 1985
Subject: Niagara Falls drainage basin, pollution by toxic chemicals
Length: 54 min
Level: grade 7 - adult/general
Cost: purchase only; for further information contact NFB library

**$H_2O$verview**

Format: VHS
Source: TV Ontario or Water Pollution Control Federation
Date: 1985
Subject: a look at future prospects for freshwater supply in North America
Length: 60 min
Level: grades 7 - 9
Cost: TV Ontario (see source section for cost information); Water Pollution Control Federation: $49 US funds plus $4.75 postage and handling — includes instructor's guide and 20 student guides

**The Harmony Puzzle**

**Format:** VHS
**Source:** Environment Canada - Alberta
**Date:** 1988
**Subject:** environmental concerns; an overview on sustainable development
**Length:** 15 min
**Level:** grades 4 - 12, teacher resource
**Cost:** free loan

**Hot Potato**

**Format:** VHS videotape
**Source:** Center for Environmental Study
**Date:** spring 1987
**Subject:** solid waste problem and the environment; aims to trigger group discussion, clever story line pantomimed
**Length:** 10 min 45 sec
**Level:** all ages
**Cost:** rental: $10 US funds

**The Inland Lake Demonstration Project**

**Format:** film #7773
**Source:** University of Wisconsin Extension, Bureau of Audio-Visual Instruction
**Date:** 1971
**Subject:** inland lake restoration and rehabilitation
**Length:** 27 min
**Level:** adult/general
**Cost:** $9 rental fee (available in the US only)

**Islands of Spirit**

**Format:** VHS
**Source:** Apostle Islands National Lakeshore
**Date:** 1987
**Subject:** history, flora, fauna, physical setting and visitor opportunities at Apostle Islands National Lakeshore
**Length:** 25 min
**Level:** general
**Cost:** $14.95 US funds plus $1.50 postage and handling (Wisconsin residents add 5% sales tax)

**The Lake at our Doors/It's Clear as Mud/Legacy of a Glacier**

**Format:** VHS
**Source:** Cleveland State University
**Date:** 1987
**Subject:** three-part series of how the lakes were formed, their geography and water testing in the lakes
**Length:** 120 min
**Level:** grade 7 - adult/general
**Cost:** free on loan

**Lake Erie Promise**

| | |
|---|---|
| Format: | VHS |
| Source: | CFPL-TV London News |
| Date: | 1989 |
| Subject: | overview of changes in Lake Erie over the last twenty years |
| Length: | 47 min 15 sec |
| Level: | grade 7 - adult/general |
| Cost: | contact source |

**Lake Michigan - An Issue for the '80s**

| | |
|---|---|
| Format: | slide, tape and script |
| Source: | Schlitz Audubon Center |
| Date: | 1980 |
| Subject: | land impacts, power plants, sewage treatment |
| Level: | grade 10 - adult/general |
| Cost: | postage and handling |

**Lake Renewal Techniques**

| | |
|---|---|
| Format: | film #9473 |
| Source: | University of Wisconsin Extension, Bureau of Audio-Visual Instruction |
| Date: | 1974 |
| Subject: | environmental rehabilitation |
| Length: | 23 min |
| Level: | adult/general |
| Cost: | $7.50 rental fee |

**Lake Trout Story**

| | |
|---|---|
| Format: | 16 mm film |
| Source: | U.S. Fish and Wildlife Service, Film Library |
| Date: | 1980 |
| Subject: | Fish and Wildlife Service research strategy for controlling sea lamprey |
| Length: | 20 min |
| Level: | grade 10 - adult |
| Cost: | free loan, pay return postage |

**The Northern Lakes and Their Inhabitants**

| | |
|---|---|
| Format: | slides and guide #488 |
| Source: | Educational Images Ltd. |
| Date: | 1981 |
| Subject: | aquatic life, thermocline, waters in the Great Lakes basin |
| Length: | 20 slides with script |
| Level: | grades 3 - 6 |
| Cost: | $37.95 US funds plus shipping and handling |

**Not Man's to Command**

| | |
|---|---|
| Format: | 16mm film |
| Source: | National Film Board of Canada |
| Date: | 1974 |
| Subject: | Great Lakes water levels related to weather |
| Length: | 14 min |
| Level: | adult/general |
| Cost: | rental; for further information contact NFB library |

**Paddle-to-the-Sea**

**Format:** VHS videotape or 16mm film
**Source:** U.S. Fish and Wildlife Service or Michigan Department of Natural Resources or National Film Board of Canada
**Date:** 1967
**Subject:** depicts the journey of a hand-carved toy canoe from Canada's northern forests to the sea. Great Lakes and St. Lawrence River wildlife and pollution are shown.
**Length:** 28 min
**Level:** grades K - 4
**Cost:** U.S. Fish and Wildlife Service: free loan, pay return postage; Michigan DNR: $5 rental fee US funds; National Film Board of Canada: $39.95 purchase Cdn funds plus shipping and handling. Note: available in MN, MI, WI, IN, IL, OH, ON

**Perspectives in Science**

**Format:** three videocassettes
**Source:** National Film Board of Canada
**Date:** 1989
**Subject:** video learning kit in storage case
- three one-hour VHS videos on Toxic Waste, Water, Biotechnology
- one introductory VHS video on "The Program in Action"
- a comprehensive teacher's guide
* videos also available in Beta and 3/4" formats

**Length:** each video one hour
**Level:** grades 7 - 10, teacher resource
**Cost:** $249 Cdn funds plus tax

**Pesticides and Wildlife**

**Format:** film
**Source:** U.S. Fish and Wildlife Service (produced by U.S. Navy)
**Date:** unknown
**Subject:** need for pesticide management, alternatives to pesticides, ways to use pesticides that minimize risks to fish and wildlife
**Length:** 30 min
**Level:** general
**Cost:** free rental, pay return postage (only available in U.S. to Great Lakes states)

**Petals of Flower Hill**

**Format:** slide/tape program
**Source:** Illinois Environmental Protection Agency
**Date:** 1985
**Subject:** slide/tape program with coloring book as a guide; environmental pollution including posters on hydrology and wastewater treatment process
**Length:** 15 min
**Level:** grades K - 5
**Cost:** free coloring book; loan of slide program

**Pollution of the Great Lakes**

Format: cassette #AT840305
Source: National Public Radio, Cassette Publishing
Date: 1984
Subject: extent and consequences of pollution through interviews with residents, scientists, government and industry officials; examines toxic levels in the lakes, fish and surrounding land and the controversy between Canada and the United States over blame for hazardous waste dumping
Length: 90 min
Level: general
Cost: cassette $11.95, catalog $3 US funds

**Promises to Keep**

Format: slide/tape program
Source: International Joint Commission, Great Lake Regional Office
Date: 1980; revised 1989
Subject: toxic chemicals, pollutants, water quality and quantity, remedial action plans and environmental policy
Length: 12 min
Level: undergraduate, adult/general
Cost: free on loan

**Rise and Fall of the Great Lakes**

Format: 16mm film, VHS
Source: National Film Board of Canada
Date: 1968
Subject: Great Lakes geological evolution
Length: 17 min
Level: all ages
Cost: National Film Board: $4 rental with five-day advance notice

**St. Lawrence/Great Lakes System**

Format: VHS
Source: National Film Board of Canada
Date: 1985
Subject: transportation; speed, efficiency, security of using the St. Lawrence Seaway-Great Lakes waterway
Length: 30 min
Level: adult/general
Cost: purchase; for more information contact NFB library

**St. Lawrence: Stairway to the Sea** (English version)
**Du Grand Large aux Grand Lacs** (French version)

Format: 16mm film
Source: National Film Board of Canada
Date: 1982
Subject: Great Lakes, exploration by Jacques Cousteau
Length: 96 min
Level: grades 4 - adult/general
Cost: rental; for further information contact NFB library, transit time not included in rental

**Saving the Great Lakes**

| | |
|---|---|
| **Format:** | 16mm film |
| **Source:** | National Film Board of Canada |
| **Date:** | 1976 |
| **Subject:** | Great Lakes rehabilitation, pollution, controls |
| **Length:** | 15 min |
| **Level:** | grade 7 - adult/general |
| **Cost:** | purchase; for more information contact NFB library |

**Superior Today**

| | |
|---|---|
| **Format:** | 1/2" or 3/4" videotape |
| **Source:** | WNMU-TV, Northern Michigan University |
| **Date:** | 1985 |
| **Subject:** | documentary explores the formation and history, climate and weather, creatures, utilization, pollution and economic development of Lake Superior |
| **Length:** | 30 min |
| **Level:** | grade 10 - adult/general |
| **Cost:** | videotape: 1/2" video $25; 3/4" U-matic $35 US funds |

**Testing the Waters**

| | |
|---|---|
| **Format:** | 1/2" or 3/4" videotape |
| **Source:** | Bullfrog Films |
| **Date:** | 1989 |
| **Subject:** | a documentary about a process: charting a future for the Niagara River |
| **Length:** | 57 min; three parts for classroom use |
| **Level:** | grade 9 - adult |
| **Cost:** | purchase $350 1/2" videocassette, $365 3/4" U-matic rental $75 US funds |

**Too Thick to Navigate, Too Thin to Cultivate**

| | |
|---|---|
| **Format:** | film |
| **Source:** | Michigan State University, Instructional Media Center |
| **Subject:** | Great Lakes management, effects of pollution on ecosystem |
| **Length:** | 26 min |
| **Level:** | adult/general |
| **Cost:** | rental $16.75 US funds |

**The Trouble with Toxics**

| | |
|---|---|
| **Format:** | 1/2" or 3/4" videotape |
| **Source:** | Michigan Sea Grant Extension, Michigan State University |
| **Date:** | 1987 |
| **Subject:** | the challenge of dealing with the hundreds of contaminants in the Great Lakes |
| **Length:** | 30 min |
| **Level:** | grade 8 - adult/general |
| **Cost:** | purchase prices payable in US funds to Michigan State University: 1/2" - $35; 3/4" - $75; rental $10 for five days |

**The Vital Option**

| | |
|---|---|
| Format: | VHS |
| Source: | National Film Board of Canada |
| Date: | 1979 |
| Subject: | Great Lakes, pollution, control measures; example on how the public, industry and the government can work together to undo damage done to Great Lakes |
| Length: | 28 min |
| Level: | grades 9 - 12, teacher resource |
| Cost: | purchase; for more information contact NFB library |

**Warnings on the Wind**

| | |
|---|---|
| Format: | VHS |
| Source: | Center for Environmental Study |
| Date: | 1987 |
| Subject: | sources, pathways and fates of airborne toxics in the Great Lakes |
| Length: | 28 min |
| Level: | grade 7 - adult/general |
| Cost: | $40; rental $10 US funds |

**Water-Related Teaching Activities**

| | |
|---|---|
| Format: | catalog on audio-visuals |
| Source: | ERIC Clearinghouse |
| Date: | 1977 |
| Subject: | water resources and reference lists |
| Length: | 149 p. |
| Level: | grades 4 - 12, teacher resource |
| Cost: | $80 US funds |

**Water Resource Series**

| | |
|---|---|
| Format: | three filmstrip/cassette tape sets |
| Source: | Michigan Book Central (produced by Michigan Natural Resources Magazine) |
| Contents: | each kit contains a filmstrip/cassette tape program, teacher's manual, supplemental materials, references, and suggested activities |
| Subject: | 1) Understanding Lake Ecology: photosynthesis, food chains, lake succession, watershed patterns, stratification, the energy cycle and human effects<br>2) Understanding Groundwater: Michigan's geologic history, characteristics and occurence of groundwater, long-term effects of groundwater pollution, and the problem of cleaning up contaminated aquifers<br>3) Understanding Wetlands: role of wetlands in water retention, groundwater recharge, shoreline protection, and sediment trapping; species and habitat diversity, ecology, and interdependence of wetland communities |
| Emphasis: | ecology, biology, physical sciences |
| Level: | grade 5 - adult |
| Cost: | $29.95 each or all three kits for $69.95 US funds |

**Waterwalker**

| | |
|---|---|
| Format: | VHS and beta videocassettes |
| Source: | CHV Communications, Inc. |
| Date: | 1986 |
| Subject: | Lake Superior and its tributaries, canoeing, water quality, aesthetics, art, ethics |
| Length: | 90 min |
| Level: | adult/general |
| Cost: | contact CHV Communications |

**The Wreck and Rescue of the Schooner J.H. Hartzell**

| | |
|---|---|
| **Format:** | VHS videotape |
| **Source:** | Brauer Productions |
| **Date:** | 1988 |
| **Subject:** | re-creation of the true story of a nineteenth century shipwreck |
| **Length:** | 58 min |
| **Level:** | adult/general |
| **Cost:** | $39.95 US funds plus tax and shipping |

## *SECTION 2. BOOKS*

***Most books found in this section were produced in the 1980s.***

**Cross Border Litigation: Environmental Rights in the Great Lakes Ecosystem**

| | |
|---|---|
| Authors: | Muldoon, Paul R., Scriven, David A. and Olson, James M. |
| Source: | Carswell Legal Publications |
| Date: | 1986; 410 p. |
| Subject: | Great Lakes pollution, catalog and explanation of laws, precedent-setting cases |
| Level: | undergraduate, graduate, teacher resource |
| Cost: | $80 Cdn funds |

**Cruising Guide to the Great Lakes**

| | |
|---|---|
| Author: | Cahn Brazer, Marjorie |
| Source: | Contemporary Books, Inc. |
| Date: | 1985; 513 p. |
| Subject: | connecting waters history |
| Level: | grades 7 - 12 |
| Cost: | $22.95 US funds |

**The Enduring Great Lakes: A Natural History Book**

| | |
|---|---|
| Author: | Rousmaniere, John |
| Source: | W.W. Norton |
| Date: | 1979; 112 p. |
| Subject: | covers a wide variety of Great Lakes issues including algae blooms, vanishing species, toxic substances, air and water quality |
| Level: | grades 10 - 12 |
| Cost: | $14.95 US funds |
| ISBN: | 0-393091194-1 |

**Environmental Diplomacy: An Examination and a Perspective of Canadian-U.S. Transboundary Environmental Relations**

| | |
|---|---|
| Author: | Carroll, John |
| Source: | University of Michigan Press and John Wiley & Sons Canada, Ltd. |
| Date: | 1986; 382 p. |
| Subject: | environmental policy, international cooperation, flooding, toxic substances, water and air quality |
| Level: | undergraduate, graduate, adult/general |
| Cost: | $24.95 US funds |
| ISBN: | 0-472-10029-7 (U.S.) |

**Erie: The Lake that Survived**

| | |
|---|---|
| Author: | Burns, Noel M. |
| Source: | Rowman & Allanheld Publishers |
| Date: | 1985; 340 p. |
| Subject: | details the history, processes, biology and cleanup of Lake Erie |
| Level: | undergraduate, adult |
| Cost: | $34.95 US funds |
| ISBN: | 0-8476-7398-7 |

**The Great Lakes**

Author: Tovell, Walter Massey
Source: Royal Ontario Museum
Date: 1979
Subject: geology, pollution
Level: grades 6 - 10
Cost: $2.25 Cdn funds
ISBN: school edition 0-88854-218-6, trade edition 0-88854-246-1

**Great Lakes Climatology Atlas**

Author: Saulesleja, Andrej
Source: Department of Supply and Services Canada
Date: 1986
Subject: climate
Level: grades 10 - 12
Cost: Canada $9.95, outside Canada $11.95 plus shipping and handling (available in English and French)

**The Great Lakes Economy: A Resource and Industry Profile of the Great Lakes States**

Author: Great Lakes Commission
Source: Harbor House Publishers
Date: 1985
Subject: Great Lakes, economic conditions, industry
Level: grade 10 - adult/general
Cost: $27.50 US funds
ISBN: 0-937360-07-4

**The Great Lakes Region in Children's Books: A Selected Annotated Bibliography**

Source: Green [illegible] Press Publishers
Date: 1980; [illegible]
Subject: annotated listing of curriculum-oriented books about the lakes and the bordering states
Level: grades 4 - 7, teacher resource
Cost: $16.95 US funds
ISBN: 0-931600-01-4

**Great Lakes Shipwrecks and Survivals**

Author: Ratigan, William
Source: Apostle Islands National Lakeshore
Subject: 384-page illustrated paperback detailing Great Lakes shipwrecks; Edmund Fitzgerald edition
Level: high school - adult
Cost: $7.95 US funds plus $1.50 postage and handling (Wisconsin residents add 5% sales tax)

**Great Stories of the Great Lakes**

| | |
|---|---|
| **Author:** | Boyer, Dwight |
| **Source:** | Dodd, Mead Publishers |
| **Date:** | 1985; 272 p. |
| **Subject:** | thrilling tales of tragedy, humour and heroism on the world's greatest freshwater seas |
| **Level:** | adult |
| **Cost:** | $9.95 US funds |
| **ISBN:** | 0-396-08596-2 |

**The Inland Seas: A Journey Through the Great Lakes**

| | |
|---|---|
| **Author:** | Vasey, Paul |
| **Source:** | Chartwell Books, Inc. |
| **Date:** | 1987; 144 p. |
| **Subject:** | history of the lakes and their significance in the lives of the people who live in their region |
| **Level:** | undergraduate - adult |
| **Cost:** | $22.50 Cdn funds |
| **ISBN:** | 1-55521-179-8 |

**Lake Ontario Nearshore Water Quality Atlas**

| | |
|---|---|
| **Source:** | Ontario Ministry of the Environment |
| **Date:** | 1980 |
| **Subject:** | water quality, map |
| **Level:** | undergraduate and adult/general |
| **Cost:** | free |

**The Late, Great Lakes: An Environmental History**

| | |
|---|---|
| **Author:** | Ashworth, William |
| **Source:** | Random House |
| **Date:** | 1986; 276 p. and 261 p. |
| **Subject:** | history of Great Lakes: geology, human use, pollution, environmental quality, diversions |
| **Level:** | grade 10 - adult/general |
| **Cost:** | $12.95 (soft cover); $22.95 (hard cover) (US funds) plus shipping and handling |
| **ISBN:** | 0-394-55151-6 |

**Paddle-to-the-Sea**

| | |
|---|---|
| **Author:** | Holling, Holling C. |
| **Source:** | Houghton Mifflin Company |
| **Date:** | 1941 |
| **Subject:** | adventures of a wooden canoe; discovering the Great Lakes by canoe (also available in paperback) |
| **Level:** | grades 4 - 6 |
| **Cost:** | $15.95 and $5.95 US funds |
| **ISBN:** | 0-395-15082-5 and paperback 0-395-29203-4 |

**Perspectives on Ecosystem Management for the Great Lakes**

Author: Caldwell, Lynton K., Editor
Source: State University of New York Press
Date: 1988; 320 p.
Subject: implementation of binational agreements to actualize an ecosystem approach
Level: undergraduate - graduate, adult
Cost: $44.50 and $16.95 US funds
ISBN: 0-88706-765-4 and paperback 0-88706-764-2

**The Sweet Water Sea: A Guide to Lake Huron's Georgian Bay**

Author: Cahn Brazer, Marjorie
Source: Heron Books
Date: 1987
Subject: guide to cities and villages along Georgian Bay
Level: high school
Cost: $18.95 Cdn funds
ISBN: 0-942603-01-X

**To the Last Drop**

Author: Keating, Michael
Source: Macmillan of Canada
Date: 1987; 265 p.
Subject: acid rain, toxic contamination, water shortages
Level: grade 10 - adult/general
Cost: $25.95 Cdn funds
ISBN: 0-7715-9704-5

**Toxic Contamination in Large Lakes**

Author: Schmidtke, Norbert W.
Source: Lewis Publishers, Inc.
Date: 1986; 1800 p.
Subject: a four-volume set of resource books, proceedings from the World Conference on Large Lakes on Mackinac Island; emphasis on an integrated approach to examining toxic pollution in large lakes
Level: adult
Cost: $199.80 US funds
ISBN: 0-87371-088-6

## *SECTION 3. BOOKLETS*

*This section contains materials produced by government and non-government agencies.*

**Citizen Action in Developing Clean-up Plans for the 42 Great Lakes Toxic Hot Spots**

Source: Great Lakes United
Date: 1987; 16 p.
Subject: report from a remedial action plan workshop for citizen and community leaders on toxic materials and water pollution
Level: high school - undergraduate and graduate
Cost: $5 US funds

**A Citizen's Guide to Contaminated Sediment Clean-up**

Source: Lake Michigan Federation - Chicago
Date: 1989; 32 p.
Subject: assessing contaminant levels, dredging techniques, laws and programs (U.S./ Canada), choices for the future
Level: undergraduate, teacher resource
Cost: $5 US funds or $6 Cdn funds

**A Citizens' Guide to the Great Lakes Water Quality Agreement**

Authors: Eder, Tim and Jackson, John
Source: Great Lakes United
Date: 1988
Subject: The booklet intends to help citizens understand the purpose and potential of the Agreement; promises of the 1972 and 1978 Great Lakes Water Quality Agreements are discussed.
Level: adult, teacher resource
Cost: $2 US funds

**Drinking Water: A Community Guide**

Source: Concern, Inc.
Date: 1986
Subject: complex issues of water management and protection with guidelines for public participation
Level: general
Cost: $3 US funds, single copy; contact for special bulk orders

**Farmland: A Community Issue**

Source: Concern, Inc.
Date: 1987
Subject: farming of the environment, costs, sustainable farming practices, government programs, federal legislation, changes in policies and programs, innovative programs, guidelines for action, resources on farming issues
Level: general
Cost: $3 US funds, single copy

**The Great Lake Erie**

Authors: Fortner, Rosanne W. and Mayer, Victor J.
Source: Ohio Sea Grant Education Program, The Ohio State University
Date: 1987
Subject: basic information about the Great Lakes through interpretation by experts
Level: junior high - adult
Cost: $15 US funds

**The Great Lakes Primer**

**Source:** Pollution Probe Foundation
**Date:** 1986
**Subject:** includes background information on the Great Lakes and their history. Discusses the problems with toxics and effects on the environment.
**Level:** undergraduate, teacher resource
**Cost:** $6 Cdn funds

**Great Lakes Water Levels**

**Source:** Environment Canada, Great Lakes Water Levels Communications Centre - Ontario Region
**Date:** 1985; reprinted 1987; 1989
**Subject:** Great Lakes geology, hydrology, causes and effects of levels fluctuations, forecasts (booklet in either English or French)
**Level:** grades 7 - adult/general
**Cost:** free

**Groundwater: A Community Action Guide**

**Source:** Concern, Inc.
**Date:** 1984
**Subject:** availability of depletion, quality of contamination, public health considerations, detection/monitoring, federal role, state/local roles, examples of community organizing citizen action on groundwater issues
**Level:** general
**Cost:** $3 US funds, single copy; contact source for special bulk orders

**Hazardous Wastes from Homes**

**Source:** Enterprise for Education Inc.
**Date:** 1988
**Subject:** booklet on what kinds of wastes are hazardous and what to do with common household wastes
**Level:** grades 7 - 12, teacher resource
**Cost:** $2.75 US funds plus $1.50 postage and handling

**Revised Great Lakes Water Quality Agreement of 1978 as Amended by Protocol signed November 19, 1987**

**Source:** International Joint Commission, Great Lakes Regional Office
**Date:** 1987
**Subject:** United States/Canadian policy, water quality, environmental policy and law (printed in either English or French)
**Level:** undergraduate, adult/general, teacher resource
**Cost:** free

**The St. Lawrence River: Its Economy and Environment**
(English version)
**Le Fleuve St. Laurent: Son Economie et son Environnnement**
(French version)

**Source:** The Centre for the Great Lakes
**Date:** 1989; 40 p. (available in English and French)
**Subject:** The St. Lawrence River's contribution to the region's development and quality of life; recommends action for toxic contamination cleanup.
**Level:** general
**Cost:** $12 US funds; $15 Cdn funds soft-cover book, two colors, photos, map, glossary of terms and references

## *SECTION 4. INSTRUCTIONAL*

***Classroom activities, computer programs, kits and reference directories are contained in this section.***

**Acid Rain Curriculum, Grades 6-12**

Source: Acid Rain Foundation
Date: 1988
Subject: six packets of classroom activities, overhead transparencies, pre/post tests, bibliography for students and teachers on (1) Life Science, (2) Earth Science, (3) Physical Science, (4) Biology, (5) Chemistry, (6) Social Studies
Level: grades 6 - 12
Cost: $19.95 for each packet plus $2 postage and handling or $59.95 for the set of six $4 postage and handling (US funds)

**Acid Rain in Minnesota: A Teacher's Resource Guide**

Source: Acid Rain Foundation
Date: 1986
Subject: acid rain; accompanies "Acid Rain in Minnesota," 1985 film
Emphasis: mixed - economics, literature, political and environmental studies, drama
Level: grades 4 - 8
Cost: $9.95 US funds plus $2.50 postage and handling (Minnesota residents add applicable tax)

**Activities from Middle Sea** (EP-71)

Source: Ohio Sea Grant Education Program
Date: 1986; 20 p.
Subject: Compilation of short classroom activities from past issues of Middle Sea newsletter.
Level: grades 5 - 9
Cost: $2.50 US funds plus tax for Ohio residents - make checks payable to 'The Ohio State University'

**D.J. Angus - Research Vessel**

Source: Grand Valley State University
Emphasis: educational program on board a 45-foot research vessel designed for educational activities with group sizes of up to 20 participants
Subject: aquatic science program, Great Lakes ecology
Level: all ages; K - 12, citizen groups, teacher workshops
Costs: no charge; operating season May - November

**Appreciating Your Great Lakes — A Guide for Developing Educational Projects**

Source: Illinois-Indiana Sea Grant Program
Date: 1989; 95 p.
Subject: compilation of resources and activity suggestions for teaching young people about the Great Lakes through natural resources, history and ecology
Level: grades 6 - 12, teacher resource
Cost: $4 US funds: 10% discount on orders of 10 - 49; 20% discount on orders of 50 or more

**Aquatic Activities**

Source: New York Sea Grant Extension
Date: 1980
Subject: twelve different water-related activities
Level: grades 6 - 8
Cost: $3 US funds

**Aquatic Project Wild**

Source: Project Wild
Date: 1988
Subject: explores the world of water and aquatic habitats; aquatic education activity guide
Level: grades K - 12
Cost: free — only available by attending a Project Wild workshop

**Canadian Sources of Environmental Information**

Source: Canadian Government Publishing Centre
Date: 1988; biennially
Subject: sources in government, industry, universities and the public sector
Level: graduate - adult
Cost: $39.75 Cdn funds
ISBN: 0-660-54646-9; ISSN 0832-9176

**Co-operative Games for People Who Love to Play**

Source: Public Focus
Date: 1989
Subject: 175 pages of more than 100 indoor and outdoor games not necessarily Great Lakes
Level: all ages
Cost: $12.95 Cdn funds each plus 10% of the cost for postage/handling for single copies; $12.25 each plus 10% for 2-9 copies; and $11.50 each plus 10% for 10-99 copies

**Curriculum for Grades 4-8**

Source: Acid Rain Foundation
Date: 1986
Subject: acid rain; 12 classroom-ready activities
Emphasis: mixed: science, math, social studies, art, language
Level: grades 4 - 8
Cost: $19.95 US funds plus $2 postage and handling (Minnesota residents add sales tax)

**Debate Coaches**

Source: Acid Rain Foundation
Date: 1986
Subject: water quality, allocation, policy
Emphasis: language, environmental studies
Level: grades 8 - 12, teacher resource
Cost: $19.95 US funds plus $2 postage and handling

**Decisions for the Great Lakes**

Source: Great Lakes Tomorrow
Date: 1982 (in revision)
Subject: Great Lakes history and facts, ecosystem management, law, politics, pollution, public participation, water quality
Level: grades 7 - 12
Cost: contact source for information

**Directory of Acid Rain and Air Quality Materials**

**Source:** National Park Service, Midwest Regional Office
**Date:** 1988
**Subject:** contains sources for curriculum supplements, audiovisual aids, information materials
**Level:** grades K - undergraduate, general
**Cost:** free

**Discover the 5**

**Source:** Laurel Creek Centre, Waterloo Region R.C. School Board
**Date:** 1983
**Subject:** eleven sections include formation of the Great Lakes, early history, shipping, agriculture, fishing, wetland management
**Emphasis:** art, chemistry, history, geography, language arts, math
**Level:** grades 5 - 8, teacher resource
**Cost:** available on loan

**Disk Computer Programs (EP-74)**

**Source:** Ohio Sea Grant Education Program - Ohio State University
**Date:** 1987
**Subject:** Apple II computer programs with instructions for nine marine-related activities, some accompany OEAGLS activities
**Emphasis:** marine education
**Level:** grades 5 - 9
**Cost:** $5 US funds plus tax for Ohio residents

**The Disposal Game**

**Source:** Ontario Waste Management Corporation
**Date:** 1984
**Subject:** 20-30 minute board game for 2-4 players on environmental studies
**Level:** grade 7 - adult/general
**Cost:** free

**The Dotted Dragon**

**Author:** Kim Etherington
**Source:** Public Focus
**Date:** 1979; reprinted 1981, 1985
**Subject:** 24-page story/colouring book about the Great Lakes; introduction to pollution
**Level:** pre-school - grade 3
**Cost:** Cdn funds: $1.95 each plus .75 (postage/handling) per single book; $1.50 each plus 1.25 postage/handling for 2-9 copies; $1.25 each plus 2.25 postage/handling for 10-19 copies; and $1.25 plus 10% of the order total (postage/handling) for 20-99 copies

**Earthwatching III: An Environmental Reader**

Source: Sea Grant Institute and the Institute for Environmental Studies, University of Wisconsin-Madison
Date: 1989; 144 p.
Subject: teacher's guide designed to complement classroom materials on scientific and environmental topics — Earthwatching III contains 200 half-page stories originally written for EARTHWATCH/radio dealing with topics from the atmosphere, the biosphere, the land, the world of water, energy, environmental quality, health and nutrition, people and society, and around the globe
Level: grades 4 - 12
Cost: $5 US funds including postage and handling

**Educators' Guide to Great Lakes Materials**

Source: University of Wisconsin Sea Grant College Program
Date: 1978
Subject: a bibliography of books, films, maps and pamphlets on Great Lakes
Level: undergraduate, graduate, teacher resource
Cost: .50¢ each US funds plus postage and handling

**Environmental Education Activities Manual**

Source: Stapp, William B. and Cox, Dorothy A.
32493 Shady Ridge Drive, Farmington Hills, MI 48018
Date: fourth edition, 1981
Subject: environmental education, water quality, general action-oriented activities
Level: teacher resource
Cost: contact source

**Environmental Resource Book**

Source: Ontario Environment Network
Date: 1989; annual directory
Subject: Ontario's environmental groups and their resources, listed in alphabetical order
Level: senior public school, high school, teacher resource
Cost: from $6-$25 Cdn funds, plus $1.50 shipping and handling

**Environmental Resource Directory**

Source: Public Focus
Date: 1989; updates March and September
Subject: Canada's access for environmentally relevant books, periodicals, factsheets, films, videocassettes, theatrical performances and games
Level: teacher resource
Cost: three-ring binder $20/copy (tax included), biannual update $5/year Cdn funds

**Field Manual for Water Quality Monitoring**

Source: Mitchell, Mark K. and Stapp, William B.
2050 Delaware, Ann Arbor, MI 48103
Date: 1988
Subject: interactive water quality project
Emphasis: biology, ecology, earth science and chemistry
Level: grade 7 - adult/general, teacher resource
Cost: $8.95 US funds — discounts available for orders over ten

**Fish of Lake Superior**

Author: Downs, Warren
Source: Apostle Islands National Lakeshore
Date: 1984
Subject: illustrated text on the fish of the northernmost of the Great Lakes
Level general
Cost: $.50 each plus $1.50 postage and handling (Wisconsin residents add 5% sales tax)

**Food Chain Game**

Source: Minnesota Sea Grant Extension Service, University of Minnesota
Date: November/December 1980
Subject: food chains, not specifically on the Great Lakes
Level: grades 3 - 6
Cost: single copies: free

**The Great Lakes**

Source: Harbor House Publishers
Date: 1987
Subject: 24-page coloring book depicts scenes from throughout the Great Lakes, with an emphasis on the Great Lakes boats and ocean ships that ply the inland waters
Level: preschool - grade 4
Cost: $1.95 US funds

**Great Lakes Agreement Information Kit**

Source: International Joint Commission, Great Lakes Regional Office
Subject: Great Lakes, water quality and water quantity issues
Emphasis: kit includes pamphlets on toxic substances, land use activities, bibliography of Great Lakes reports, remedial action plans information, Great Lakes Water Quality Agreement
Level: all ages
Cost: free

**The Great Lakes: An Environmental Atlas and Resource Book**

Source: Environment Canada - Great Lakes Environment Program and U.S. Environmental Protection Agency, Office of Public Affairs
Date: 1987
Subject: 44 pages of history of Great Lakes, maps, fact sheets — colourful references explaining Great Lakes history, physical characteristics, effects of human activities on the lakes
Level: grades 7 - 12, graduate, teacher resource
Cost: free of charge; limited supply available

**The Great Lakes Education Speakers Bureau Directory**

Source: Great Lakes Commission
Date: 1989
Subject: data on nearly 400 experts from throughout the Great Lakes region available to visit classrooms and educate students on subjects including water quality, fisheries, geology, waste management, recreation, history and many more
Level: teacher, educator resource
Cost: $5 US funds; $7 Cdn funds

**Great Lakes Experts Directory**

Source: Michigan State University, Institute of Water Research
Date: 1983
Subject: 67-page directory of over 300 authorities on the Great Lakes. Titles, names, addresses and phone numbers are included to identify expertise in governments, universities, private interest personnel and others.
Level: adult/general, graduate students
Cost: $5 US funds includes postage and handling

**A Great Lakes Fur Trade Coloring Book**

Author: Kozlak, Chet
Source: Apostle Islands National Lakeshore
Date: 1981
Subject: fur trade history, with French translation
Level: preschool - grade 3
Cost: $2.50 US funds plus $1.50 postage and handling (Wisconsin residents add 5% sales tax)

**The Great Lakes in My World**

Source: Lake Michigan Federation
Date: 1989
Subject: materials for educating students on the Great Lakes ecosystem
Level: K - 8
Cost: contact source

**The Great Lakes: Teacher's Guide**

Source: Federation of Ontario Naturalists
Date: 1989
Subject: materials arranged in six units and designed to allow teachers to easily make use of Great Lakes topics within existing curriculum guidelines set by Ontario Ministry of Education
Level: grades 10 - 12 and OAC
Cost: $15 Cdn funds plus $2.50 postage and handling

**Great Lakes Toxic Hotspots**

Source: Pollution Probe Foundation
Date: 1985
Subject: five-colour 21" x 34" poster showing toxic areas around the Great Lakes; 343 hotspots
Emphasis: environmental quality
Level: all ages
Cost: $8 Cdn funds

**Household Hazardous Waste Wheel**

Source: Environmental Hazards Management Institute
Subject: informational device on hazardous household products and alternatives
Level: general
Cost: $2.75 each US funds for up to nine wheels; $2.25 each for 10-99, $1.95 for 100-499, plus postage and handling

**Investigating the Great Lakes Environment: Fishing in Transition**

Source: Michigan Sea Grant Publications Office
Date: 1983
Subject: ecology, history, Great Lakes, fisheries; several activities, teacher background, wall map, gameboards, worksheets and references
Level: grades 6 - 8
Cost: $37.50 US funds (includes shipping and handling) order #MICHU-SG-83-400

**The Lake Superior Game**

Producer: Barbara Liukkonen
Source: Minnesota Sea Grant Extension Service, University of Minnesota
Date: 1989; 14 p.
Subject: game; map and watershed of Lake Superior
Level: grades 5 - 8
Cost: free

**Lake Survey Charts** (maps)

Source: Apostle Islands National Lakeshore
Subject: 1) The Great Lakes (#14500)
2) Lake Superior (#14960)
3) Western Lake Superior (#14966)
4) The Apostle Islands (#14973)
Level: general
Cost: $13 US funds each plus $1.50 postage and handling (Wisconsin residents add 5% sales tax)

**Living in Water**

Source: The National Aquarium in Baltimore
Date: 1987; 1989
Subject: 319 p., 36 activities, classroom-based aquatic science curriculum using hands-on science experiments and activities to teach children the physical and biological characters of marine and freshwater habitats
Level: grades 4 - 6
Cost: curriculum is unbound, three-hole punched, $10 US funds, $12 Cdn funds includes postage, printing and handling

**Living Lightly on the Planet**

Source: Schlitz Audubon Center
Date: 1989
Subject: two-volume activity guide providing information on environmental studies. Resource materials such as maps, student role cards, and case studies are included to enhance the presentation of concepts.
Level: Volume I (grades 7 - 9); Volume II (grades 10 - 12)
Cost: each volume $17 US funds plus tax, postage and handling

**M.V. Macassa Bay**

Source: E.K. Tour Boat Service Ltd.
Subject: school/staff functions on sightseeing cruise on 93-foot ship for groups of up to 200
Emphasis: water resources of the Great Lakes region
Level: all ages
Cost: call for schedule and rates; operating season May - October

**Michigan Sand Dunes, Teacher's Guide**

Source: Michigan United Conservation Clubs
Subject: four pages of activities and references related to sand dunes conservation and the Great Lakes (made to accompany film "Sand Dunes" from Michigan Department of Natural Resources)
Level: grades 4 - 6
Cost: free

**NIMBI** (Now I Must Become Involved)

Source: Environmental Hazards Team
Emphasis: educational activities on a 40-foot research tug designed for educational activities with group sizes of up to 15 participants
Subject: floating on the Great Lakes and testing the water quality
Level: elementary - high school
Cost: no charge; operating season March - September

**OEAGLS** (Oceanic Education Activities for Great Lakes)

Source: Ohio Sea Grant Education Program, Ohio State University
Subject: Lake Erie, interdisciplinary approach to the world's oceans
Note: lessons include background information, activities, worksheets, games. Teacher's guide available to accompany each lesson. No elaborate equipment needed.
Level: grades 5 - 9
Cost: $3 US funds each (plus tax for Ohio residents) except where otherwise noted (make checks payable to The Ohio State University)

**OEAGLets** (Oceanic Education Activities for Great Lakes) - early elementary grades

Source: Ohio Sea Grant Education Program
Subject: three separate lessons: Lake Erie, Take a Bowl (overview), Build a Fish to Scale (fish anatomy), and A Day in the Life of a Fish (ecosystem)
Note: each lesson includes activities, and a teacher guide — no elaborate equipment needed
Level: grades K - 4
Cost: $5 US funds each plus tax for Ohio residents (make checks payable to The Ohio State University)

**Our Great Lakes Connection: A Curriculum Guide for Grades Kindergarten Through Eight**

Source: University of Wisconsin Extension, Environmental Resource Center
Date: 1985; (out of print, available on loan only)
Subject: 24 lessons and activities dealing with everything from sand and rocks to toxics
Emphasis: science, social studies and drama of the Great Lakes
Level: grades K - 8
Cost: loan only

**Our Great Lakes Heritage**

Source: Ohio Sea Grant Education Program
Date: 1984; #RS-039
Subject: applications of microcomputers in marine and aquatic education
Emphasis: how microcomputers can be used to teach about the Great Lakes
Level: grades 5 - 9
Cost: contact source

**The Outdoor Classroom**

**Source:** Indiana Department of Education
**Subject:** various outdoor educational activities, including two modules on water resources; teacher's guide, not Great Lakes specific
**Emphasis:** science, social studies
**Level:** grades K - 6
**Cost:** free

**Paddle-to-the-Sea: Supplemental Curriculum Activities for use with Holling Clancy Holling's book**

**Source:** Ohio Sea Grant Education Program
**Date:** 1988
**Subject:** biology, ecology, geography, physical sciences, social studies, languages and math
**Emphasis:** environmental studies (includes 24" x 36" map of the Great Lakes)
**Level:** grades 3 - 6
**Cost:** $10 US funds (make checks payable to The Ohio State University)

**Dr. Possibilities, Lake Healing Extravaganza**

**Source:** Portable Theatre
**Subject:** live participatory musical adaptable to water quality topics
**Notes:** participatory, educational family musical; travels throughout the Lake Ontario region indoors or outdoors, accommodates up to 500 people/show; available for professional development days across Ontario; offers workshops in areas of problem-solving, creativity, team-building, communication, clowning and theatre.
**Level:** grades 4 and up
**Cost:** ranges from $400 and up (Cdn funds)

**Rain, Rain Go Away**

**Author:** Sally Leppard
**Source:** Public Focus
**Date:** 1979; reprinted 1981, 1985
**Subject:** 24-page colouring/activity book about acid rain
**Level:** preschool - grade 3
**Cost:** Cdn funds: $1.95 each plus .75 (postage/handling) per single book; $1.50 each plus 1.25 (postage/handling) for 2-9 copies; $1.25 each plus 2.25 (postage/handling) for 10-19 copies; and $1.25 plus 10% of the order total (postage/handling) for 20-99 copies

**Ranger Rick's Naturescope: Wading into Wetlands**

**Source:** National Wildlife Federation
**Date:** 1989
**Subject:** importance of wetlands; informational pages, student activities, teacher's guide
**Emphasis:** science, environmental studies
**Level:** teacher/educator resource
**Cost:** $6 US funds each plus $3.50 postage and handling (postage and handling charges same for any amount ordered)

**Save Our Streams**

Source: Indiana Department of Education
Subject: stream monitoring program (produced with Izaak Walton League); activity-oriented, not Great Lakes specific
Emphasis: science, social studies, health
Level: grades K - 12
Cost: free

**The Schoolship Program**

Source: Inland Seas Education Association
Date: 1989; mid-May - mid-October
Emphasis: two 100-foot schooners — "Malabar" and "Madeline"; a sailing classroom on Grand Traverse Bay, Michigan. Students collect and examine plankton, fish, and bottom sediments and experience the heritage of the Great Lakes
Level: grades 6 - 10
Cost: $10/person US funds—group size 35 maximum

**SERAPHIM**

Source: University of Wisconsin Sea Grant, Communications Office
Date: 1984 - present
Emphasis: Software for Apple Computers
Titles: Sulfuric Acid; WAQUAL (water quality); Lake Study; Pond Study; Mineral Resources
Level: grade 6 - adult/general
Cost: $5/disc US funds

**Sportsfishing and Aquatic Resources Education Program - Leader Manual**

Source: Department of Natural Resources - Cornell University
Date: 1989
Subject: the manual focuses on fishing — aquatic ecology and the Great Lakes are noted in each chapter
Level: grades 5 - 7
Cost: contact source for information

**Treasures in Your Garbage**

Author: Toni Ellis
Source: Is Five Press
Date: 1986
Subject: 24-page activity book on recycling
Level: pre-school - grade 3
Cost: Cdn funds - single copy: $2.95; bulk rates: 25-99 $2.51; 100-199 $2.34 plus postage and handling
ISBN: 0-920934-26-9

**Voyageur Prints**

Artist: Hopkins, Frances Ann
Source: Apostle Islands National Lakeshore
Subject: 1) Voyageurs on Lake Superior, 1869 (28" x 21")
2) Canoe Shooting Rapids (35" x 24")
3) Canoe Proceeding Along High Rocky Cliffs (28" x 18")
Level: all ages
Cost: $5 US funds each plus $1.50 postage and handling
(Wisconsin residents add 5% sales tax)

**Water**

**Source:** Michigan United Conservation Clubs
**Subject:** 24 pages of classroom water activities
**Level:** grades 4 - 8, teacher resource
**Cost:** $1 US funds

**Water Conservation**

**Source:** The National Survival Institute
**Date:** 1989
**Subject:** teacher's kit on water conservation
**Level:** grades 4 - 6
**Cost:** first copy free; additional copies $1 Cdn funds

**Water: The Liquid of Life**

**Source:** Illinois Environmental Protection Agency
**Date:** 1988
**Subject:** hands-on activity modules for classroom studies
**Level:** grade 5, teacher resource
**Cost:** free

**Water Sense Wheel**

**Source:** Environmental Hazards Management Institute
**Subject:** potential toxic and nontoxic contaminants information device; safe drinking water
**Level:** general
**Cost:** $2.75 US funds each for up to nine wheels; $2.25 each for 10-99, $1.95 for 100-499, plus postage and handling

**Water Watch**

**Source:** The National Survival Institute
**Date:** 1989
**Subject:** simulation game developed for Apple computers; environmental and social studies
**Level:** grades 8 and 9
**Cost:** first copy free; additional copies $1 Cdn funds

**Water Wheel**

**Source:** Water Conservation Systems, Inc.
**Subject:** water conservation informational device; water use and conservation
**Level:** general
**Cost:** $1 US funds each plus postage and handling for quantities up to 250

**Water Wisdom**

**Source:** The National Survival Institute
**Date:** 1989
**Subject:** teacher's kit on water conservation and water management; environmental and social studies
**Level:** grades 8 and 9
**Cost:** contact source for information

**Water Wise**

Source: Department of Natural Resources - Cornell University
Date: 1989; 87 p.
Subject: teacher's guide introducing water quality, the importance of the water cycle and water treatment
Level: grades 5 - 6
Cost: $4 US funds includes shipping and handling

**Water World**

Source: Cornell Media Services
Date: 1988
Subject: six different activities on aquatic life
Level: grades 4 - 6
Cost: contact source for information

**Welcome to the Wetlands**

Source: U.S. Environmental Protection Agency, Region V, Water Division
Date: 1988
Subject: fold-out poster on how wetlands can help
Level: grades 3 - 5, teacher resource
Cost: free

**Wetlands Affect You and Me: Leader/Teacher Guide**

Source: Michigan Sea Grant Extension, Cooperative Extension Service
Date: 1979
Subject: activities prepared to teach members/students about wetlands; one of 25 publications about ecological issues from Extension Service; #1038 for learner; #1039 for leader/teacher
Level: grades 6 - 8
Cost: Publication 4-H 1038: $.70; 4-H 1039; $.70 (Orders of $50 or less must be prepaid in US funds)

**Wetlands Are Wonderlands**

Source: Illinois-Indiana Sea Grant Program
Date: 1983
Subject: science, key wetland concepts; value to humanity, helping youth understand current and future uses of wetlands
Level: youth/adult, teacher resource
Cost: first copy is free; additional copies $1 US funds

**The World Game**

Source: World Game Institute
Notes: participatory workshop on global resources — varying programs are available for different ages and groups
Subject: environment, state of the planet
Emphasis: world geography, history, current events and global issues
Level: all ages
Cost: varies with type of program; average cost is approximately $3500 US funds (includes two traveling workshop staff, shipping of the giant map, props, and other materials)

## *SECTION 5. NEWSLETTERS*

***This section contains the titles of newsletters thatdeal with the Great Lakes basin as a whole or in part, either occasionally or entirely.***

**Acid Rain UPDATE**

**Source:** Acid Rain Foundation
**Date:** occasional
**Subject:** curriculum, books, newsletter, slides, tapes, occasional Great Lakes materials, resource list
**Level:** teacher resource
**Cost:** send self-addressed envelope for price list

**Advisor**

**Source:** Great Lakes Commission
**Date:** monthly
**Subject:** conservation of the water resources of the Great Lakes basin
**Level:** adult/general, teacher resource
**Cost:** free

**Canadian Water Watch**

**Source:** Rawson Academy of Aquatic Science
**Date:** monthly
**Subject:** summaries of key initiatives related to aquatic science, policies, regulations and other issues related to water
**Level:** adult/general
**Cost:** annual subscription: $150 Cdn ($185 Cdn outside Canada)

**The Chadbur[illegible]**

**Source:** Great Lakes Historical Society
**Date:** quarterly four-page newsletter
**Subject:** Great Lakes, history
**Level:** undergraduate and teacher resource
**Cost:** included with $20 membership

**Coastal Educators News**

**Source:** New York Sea Grant Extension Program, East Aurora
**Date:** bimonthly
**Subject:** toxic substances, ecosystems, fishing, Great Lakes issues
**Level:** teacher resource
**Cost:** free

**Coastlines**

**Source:** New York Sea Grant Institute, Stony Brook
**Date:** quarterly
**Subject:** aquatic topics, coastal management, fisheries and recreation, Great Lakes
**Level:** undergraduate, graduate, adult/general
**Cost:** free

**Conservation Mentor**

**Authors:** Joint newsletter of the Minnesota Association of Soil and Water Conservation Districts, Minnesota Board of Water and Soil Resources, and the Minnesota Association of Watershed Districts
**Source:** Minnesota Board of Water and Soil Resources
**Date:** bimonthly
**Subject:** soil & water conservation
**Level:** adult/general
**Cost:** free

**Council Commentary**

**Source:** Council of Great Lakes Governors
**Date:** monthly
**Subject:** activities of the Council of Great Lakes Governors; public policy issues to six states: IL, IN, MI, MN, OH, WI
**Level:** adult/general
**Cost:** free

**EE News**

**Source:** Wisconsin Department of Natural Resources, Bureau of Information and Education
**Date:** quarterly
**Subject:** 12 pages of information for Wisconsin educators on environmental topics, issues, news items and listing for resource materials
**Level:** teacher resource
**Cost:** free

**Environment Views**

**Source:** Alberta Environment Communications Branch
**Date:** quarterly
**Subject:** classroom curriculum, specific topic from various viewpoints with the aim of increasing awareness of environmental issues; recycling, hazardous wastes, agriculture, energy (applicable to Great Lakes education)
**Level:** grade 7 - adult, teacher resource
**Cost:** free

**Environmental Communicator**

**Source:** North American Association for Environmental Education
**Date:** bimonthly
**Subject:** not Great Lakes specific
**Level:** teacher resource
**Cost:** included with membership fees $35 US funds or $20 for non-members

**Federation Highlights**

**Source:** Water Pollution Control Federation
**Date:** monthly
**Subject:** water pollution highlights, current issues on water and wastewater treatment, management and disposal
**Level:** adult/general
**Cost:** subscription rates

**FOCUS on International Joint Commission Activities**

**Source:** International Joint Commission, Great Lakes Regional Office
**Date:** three issues per year: March, July, November
**Subject:** water, pollution, hazardous substances, IJC, environmental quality, Great Lakes focus, U.S.-Canadian institutional arrangements
**Level:** grade 9 - adult/general, teacher resource
**Cost:** free

**Great Lakes Program**

| | |
|---|---|
| Source: | Great Lakes Program Office - Buffalo |
| Date: | bimonthly |
| Subject: | focus for serving the public on Great Lakes interests at SUNY at Buffalo; information clearinghouse |
| Level: | undergraduate, graduate, adult/general |
| Cost: | free |

**The Great Lakes Reporter**

| | |
|---|---|
| Source: | The Center for the Great Lakes |
| Date: | bimonthly |
| Subject: | management, conservation, natural resources, water quality, U.S.-Canadian Great Lakes issues |
| Level: | undergraduate, graduate, adult/general, teacher resource |
| Cost: | available with membership |

**The Great Lakes United**

| | |
|---|---|
| Source: | Great Lakes United |
| Date: | quarterly |
| Subject: | conservation, economic strategies, information exchange, U.S.-Canadian Great Lakes issues, citizen involvement |
| Level: | adult/general |
| Cost: | available with membership |

**Greenpeace Great Lakes**

| | |
|---|---|
| Source: | Greenpeace, Great Lakes Office |
| Date: | six times each year |
| Subject: | environmental issues, ocean ecology |
| Level: | grade 9 - adult/general |
| Cost: | available with membership |

**Groundwater Notes**

| | |
|---|---|
| Source: | Waterloo Centre for Groundwater Research |
| Date: | twice annually |
| Subject: | interaction between groundwater research scientists, professionals, governmental agencies, and special interest groups |
| Level: | teacher resource |
| Cost: | free |

**The Helm: Happenings and Educational Activities Around Lake Michigan**

| | |
|---|---|
| Source: | Illinois-Indiana Sea Grant Program, University of Illinois |
| Date: | quarterly |
| Subject: | coastal issues, events and educational activities in the southern area of Lake Michigan |
| Level: | grade 7 - adult/general, teacher resource |
| Cost: | free |

**Horizons**

**Source:** Sigurd Olson Environmental Institute
**Date:** quarterly
**Subject:** western Lake Superior conservation issues, including Great Lakes
**Level:** general
**Cost:** available with membership subscription $15 US funds

**Inland Seas**

**Source:** Great Lakes Historical Society
**Date:** quarterly
**Subject:** Great Lakes history
**Level:** undergraduate, teacher resource
**Cost:** $20 membership (includes journal and newsletter)

**Lacustrine Lessons**

**Source:** Minnesota Sea Grant Extension Service - Duluth
**Date:** published through August 1988: back issues are available
**Subject:** activities on environmental issues
**Level:** teacher resource
**Cost:** free

**Lake Michigan Monitor**

**Source:** Lake Michigan Federation
**Date:** quarterly
**Subject:** lakewide efforts to protect Lake Michigan; lake clean-up, shoreline erosion, beaches, and dunes
**Level:** high school, adult
**Cost:** available with membership

**Lake Tides**

**Source:** Wisconsin Department of Natural Resources, Bureau of Information and Education
**Date:** quarterly
**Subject:** eight pages of information on lake sciences, management and how-to information
**Level:** teacher resource
**Cost:** free

**Lakes Letter**

**Source:** DePaul University
**Date:** occasional
**Subject:** information on Great Lakes research
**Level:** teacher resource
**Cost:** free

**Littoral Drift**

**Source:** University of Wisconsin Sea Grant College Program
**Date:** monthly
**Subject:** two-page newsletter on environmental issues, a list of journal reprints and events
**Level:** teacher resource
**Cost:** free

**Michigan Waste Report**

**Source:** Waste Systems Institute
**Date:** biweekly
**Subject:** waste management, toxics and pollution control issues in Michigan
**Level:** adult
**Cost:** free

**Natural Resources Register**

**Source:** Michigan Department of Natural Resources
**Date:** quarterly
**Subject:** water quality and water management; articles and news stories of department programs
**Level:** adult/general, teacher resource
**Cost:** free (presently located in Michigan school libraries)

**Network News**

**Source:** Ontario Environment Network
**Date:** quarterly
**Subject:** aims to facilitate communication and cooperation among environmental groups in Ontario, in order to contribute to the enhancement and protection of the environment
**Level:** adult/general, teacher resource
**Cost:** yearly subscription

**NWRI Digest**

**Source:** National Water Research Institute
**Date:** 1988; quarterly
**Subject:** current research results, aquatic sciences; scientific understanding of water issues
**Level:** adult/general, teacher resource
**Cost:** free

**The Probe Post**

**Source:** Pollution Probe Foundation
**Date:** quarterly
**Subject:** energy, environmental issues, not Great Lakes specific
**Level:** grade 7 - adult/general, teacher resource
**Cost:** $15 Cdn funds

**The Seiche**

**Source:** Minnesota Sea Grant Extension Program, University of Minnesota
**Date:** five yearly issues
**Subject:** marine resources, coastal utilization, marine environmental research, water safety, Great Lakes
**Level:** undergraduate, adult/general, teacher resource
**Cost:** free

**SWIM — Safe Waters in Michigan**

**Source:** Lake Michigan Federation
**Date:** quarterly
**Subject:** restoring water quality; ecology, human health and economics
**Level:** high school, adult
**Cost:** contribution

**Twine Line**

**Source:** Ohio Sea Grant College Program, Ohio State University
**Date:** bimonthly
**Subject:** aquatic resources, fishing
**Level:** adult/general
**Cost:** $4.50 per year US funds

**Upwellings**

**Source:** Michigan Sea Grant College Program, Publications Office
**Date:** quarterly
**Subject:** pollution, Great Lakes environmental quality
**Level:** adult/general
**Cost:** free subscription

**U.S. Water News**

**Source:** U.S. Water News, Inc. and the Freshwater Foundation
**Date:** monthly
**Subject:** water quality, water quantity - not Great Lakes specific
**Level:** adult/general, teacher resource
**Cost:** $39 US funds or $49 Cdn funds for one year subscription

**The Waste Reduction Bulletin**

**Source:** Ontario Waste Management Corporation
**Date:** three times a year
**Subject:** directed to industries in the province that generate hazardous wastes
**Cost:** free

**Water Impacts**

**Source:** Michigan State University, Institute of Water Research
**Date:** monthly
**Subject:** water resources research and education
**Level:** adult/general, teacher resource
**Cost:** free

## *SECTION 6. PAMPHLETS*

***This section contains a selected number of pamphlets available from various government and private environmental agencies. For further information, see the Sources section.***

**Acid Rain Story — The Facts**

| | |
|---|---|
| **Source:** | Atmospheric Environment Services |
| **Date:** | 1988 |
| **Subject:** | acid rain, U.S. and Canada, areas affected |
| **Emphasis:** | environmental studies |
| **Level:** | grade 8 - undergraduate |
| **Cost:** | free |

**Acid Rain: The Facts for Michigan**

| | |
|---|---|
| **Source:** | Michigan United Conservation Clubs |
| **Date:** | 1985 |
| **Subject:** | data on acid rain in Michigan |
| **Emphasis:** | ecology,science |
| **Level:** | grade 7 - undergraduate |
| **Cost:** | free |

**Alternative Home Cleaners**

| | |
|---|---|
| **Source:** | Pollution Probe Foundation |
| **Date:** | 1988 |
| **Subject:** | recipes for environmentally-sound cleaners |
| **Emphasis:** | home economics, science |
| **Level:** | general |
| **Cost:** | free |

**Dioxin in Great Lakes Fish**

| | |
|---|---|
| **Source:** | U.S. Environmental Protection Agency, Great Lakes National Program Office |
| **Date:** | 1986; 15 p. |
| **Subject:** | carp and trout fillet samples analyzed around the Great Lakes |
| **Level:** | grades 8 - 12, teacher resource |
| **Cost:** | free |

**Eating Great Lakes Fish**

| | |
|---|---|
| **Source:** | Michigan Sea Grant Extension, Cooperative Extension Service, Michigan State University |
| **Date:** | 1987; Extension Bulletin E-2028 |
| **Subject:** | background information on contaminants in Great Lakes sport fish |
| **Level:** | grades 7 - 12, adult/general |
| **Cost:** | .25¢ each US funds |

**Fact Sheets — Great Lakes Areas of Concern**

| | |
|---|---|
| **Source:** | The Center for the Great Lakes |
| **Date:** | 1988/89, continuously updated |
| **Subject:** | progress in remedial action technologies. The fact sheets track cleanup implementation throughout the lakes with several categories from contaminated sediments to upgrading wastewater treatment plants. |
| **Level:** | grade 7 - graduate, teacher resource |
| **Cost:** | free in any quantity; advance notice for orders greater than 100 |

**Fall Beachcombing**

Source: Michigan Sea Grant College Program, University of Michigan
Date: 1978, reprinted 1986
Subject: eight-page flyer on Michigan shores: discusses beach sands, rocks, plants/plant communities, wildlife; also includes list of related books and field guides
Level: grade 4 - adult
Cost: free

**Great Lakes Brochures**

Source: Michigan Sea Grant Extension, Cooperative Extension Service
Date: 1985; (new edition expected in January 1990)
Subject: six fact sheets and map: Great Lakes basin (Bulletin #E-1865); Lake Superior (Bulletin #E-1866); Lake Michigan (Bulletin #E-1867); Lake Huron (Bulletin #E-1868); Lake Erie (Bulletin #E-1869) and Lake Ontario (Bulletin #E-1870).
Level: grade 4 - adult, teacher resource
Cost: $1.50 for set; $.25 each US funds

**The IJC, What It Is, How It Works**

Source: International Joint Commission - Great Lakes Regional Office
Date: 1988
Subject: pamphlet on the role of the IJC and the Great Lakes Water Quality Agreement
Level: general
Cost: free

**Lake Michigan Sport Fish — Should you eat your catch?**

Source: National Wildlife Federation - Great Lakes Office
Date: 1989
Subject: information about the extent of contamination in Lake Michigan and fish consumption guidelines
Level: general
Cost: free

**Remedial Action Plans for Areas of Concern**

Source: International Joint Commission, Great Lakes Regional Office
Date: 1989
Subject: water quality, Great Lakes basin, public concern
Level: undergraduate, graduate and adult/general
Cost: free

**Superior Pursuit: Facts about the Greatest Great Lake**

Source: Minnesota Sea Grant Extension Program - Duluth
Date: 1985; revised 1989
Subject: fact sheet about Lake Superior: geology, water quality and fish
Level: grades 4 - 12, teacher resource
Cost: free

**Toxic Substances**

Source: International Joint Commission, Great Lakes Regional Office
Date: 1980; presently in revision
Subject: poisonous or toxic substances found in the Great Lakes basin
Level: grades 5 - 12, teacher resource
Cost: free

**Upstream - Downstream**

**Source:** Wisconsin Department of Natural Resources
**Date:** 1977
**Subject:** stream ecology, water quality, introductory biology
**Level:** grades 7 - 9
**Cost:** contact source for information

**Water — here, there and everywhere**

**Source:** Environment Canada - Inland Waters Directorate, Ottawa
**Date:** 1989
**Subject:** world's water system; fact sheet #2 (6 pages), available in English and French
**Level:** grades 4 - 12, teacher resource
**Cost:** free

**Water — Nature's Magician**

**Source:** Environment Canada - Inland Waters Directorate, Ottawa
**Date:** 1989
**Subject:** water as a liquid, a solid or a gas — hydrologic cycle; fact sheet #1 (4 pages) (available in English and French)
**Level:** grades 4 - 12, teacher resource
**Cost:** free

## *SECTION 7.*
## *PERIODICALS, SERIALS, JOURNALS*

***This section contains periodicals, journals and serial publications that are useful to instructors of Great Lakes material.***

**Alternatives**

**Source:** University of Waterloo
**Date:** quarterly
**Subject:** Spring 1986 issue — excellent resource on Great Lakes (out of print) obtainable from your local library; upcoming fall issue on water and sustainable development [17:2]
**Level:** undergraduate, graduate, teacher resource
**Cost:** in Canada: $17.50 (Cdn funds) individual, $35 (Cdn funds) institutions; outside Canada: $22.50 (Cdn funds) individual, $45 (Cdn funds) institutions

**Are Great Lakes Fish Safe to Eat?**

**Author:** Schmidt, Wayne A.
**Source:** National Wildlife Federation, International Wildlife Magazine
**Date:** August/September 1989
**Subject:** scientists who warn against regularly eating certain species
**Level:** general
**Cost:** $3 US funds single issue; plus shipping

**Around the Archipelago**

**Source:** Apostle Islands National Lakeshore
**Date:** twice a year (summer issue and fall/winter/spring issue)
**Subject:** ecology, biology and visitor activities at Apostle Islands National Lakeshore
**Level:** general
**Cost:** free

**Environment**

**Source:** Heldref Publications
**Date:** ten issues per year
**Subject:** environmental topics, not Great Lakes specific, microform editions available through University Microfilms International
**Level:** undergraduate, graduate
**Cost:** $4.50 single issue; yearly subscriptions available

**FOCUS A Special Report**

**Source:** The Globe and Mail newspaper
**Date:** April 1989
**Subject:** articles on the air, land, water and waste
**Level:** undergraduate - adult
**Cost:** contact newspaper for shipping costs

**FreshWater**

**Source:** Marine Museum of the Great Lakes at Kingston
**Date:** summer 1988
**Subject** a journal of Great Lakes marine history
**Level:** high school
**Cost:** $4.50 Cdn funds
**ISSN:** 0834-4302

**The Great Lakes — A Special Report**

Author: Hansen, Paul
Source: Outdoor America [53(2):12-16]
Date: summer 1988
Subject history, toxic materials, programmes
Level: high school
Cost: $1.50 per issue

**The Great Lakes, A Toxic Tragedy**

Source: The Milwaukee Journal newspaper supplement
Date: November 1988
Subject: 16 pages of articles on toxics in the Great Lakes
Level: undergraduate - adult
Cost: contact newspaper for shipping charges

**The Great Lakes - Troubled Waters**

Source: National Geographic, [172(1):2-31]
Subject: high water levels and water quality
Date: July 1987
Level: adult, teacher resource
Cost: $18/year or $2.25 single issue (US funds)

**Journal of Environmental Education**

Source: Heldref Publications
Date: quarterly
Subject: environmental education theory and application
Level: teacher resource
Cost: free with membership

**Journal of Great Lakes Research**

Source: International Association for Great Lakes Research - Ann Arbor
Date: quarterly
Subject: engineering, economics, social sciences, politics, physics, biology, planning
Level: graduate, teacher resource
Cost: free with membership

**Managing the Great Lakes Basin as a Home**

Reference: Christie, W.J., et al; Journal of Great Lakes Research, 1986, v.12, n.1, p. 2 - 17
Source: Glenora Fisheries Station
Date: 1986
Subject: holistic perspective, ecosystem management, citizen participation
Level: undergraduate, graduate, adult/general
Cost: free

**More Precious Than Gold: The Story of Water in Michigan**

Source: Detroit Free Press newspaper supplement
Date: April 1989
Subject: 16 pages of articles on Lake Michigan and the Great Lakes basin
Level: undergraduate - adult
Cost: contact newspaper for shipping charges

**Our Fragile Future**

Source: Southam Environment Project
Date: October 1989
Subject: public information about the causes of environmental problems
Level: general
Cost: contact The Vancouver Sun, the Ottawa Citizen or Southam News in your local area for complete information

**An Overview of Canadian Law and Policy Governing Great Lakes Water Quality Management**

Reference: Canadian Environmental Law Research Foundation, Journal of
Source: International Law, [18(1):109-153]
Date: 1986
Subject: diversions and consumptive use
Level: graduate, teacher resource
Cost: contact source

**Pesticides in America**

Source: The Hartford Courant newspaper supplement
Date: May 1987
Subject: 16 pages of articles on pesticides
Level: undergraduate - adult
Cost: contact newspaper for shipping charges

**Seasons**

Source: Federation of Ontario Naturalists
Date: Autumn 1987 issue
Subject: special on the Great Lakes, conservation, acid rain, endangered species
Level: grade 5 - adult/general, teacher resource
Cost: subscription from $16 Cdn funds per year; special issue $3

**Taming the Great Lakes: Is It Really Necessary?**

Author: Gorrie, Peter
Source: Royal Canadian Geographical Society [Canadian Geographic, 108(25):14-24]
Date: 1988
Subject: lake levels
Level: adult, teacher resource
Cost: $3.50/issue; 10-100 copies $2.75/issue (Cdn funds) plus shipping

**Tracks**

Source: Michigan United Conservation Clubs
Date: May 1988; Volume 10, issue 9
Subject: "Swim into Summer" issue contains articles on the Great Lakes, aquatic wildlife, shoreline protection, fish habitats
Level: upper elementary grades
Cost: $1.50 US funds

**A Tribute to the Great Lakes**

Source: Michigan Natural Resource Magazine
Date: May/June 1986
Subject: sketches and articles about the history, policy, fisheries, water quality, and future of each lake
Level: undergraduate - adult
Cost: upon request

# *SECTION 8. SPECIAL REPORTS*

*This section contains special reports from various Great Lakes agencies and organizations.*

**Activities Report, International Joint Commission**

**Source:** International Joint Commission, Great Lakes Regional Office
**Date:** biennially
**Subject:** describes the Commission and its activities along the entire length of the Canadian/United States border, including the Great Lakes (printed in English and French)
**Level:** undergraduate, graduate and adult/general
**Cost:** free

**Annual Report, Great Lakes Fishery Commission**

**Source:** Great Lakes Fishery Commission
**Date:** annually
**Subject:** fisheries, natural resources management
**Level:** undergraduate or teacher resource
**Cost:** free

**A Citizen's Agenda for Restoring Lake Ontario: Report of a Regional Meeting on Lake Ontario Water Quality Issues**

**Source:** Great Lakes United
**Date:** 1987; 46 p.
**Subject:** toxic materials, water and air pollution
**Level:** high school - university
**Cost:** photocopy/$10 US funds

**Currents of Change**

**Author:** Pearse, P.H., F. Bertrand, J.W. MacLaren
**Source:** Environment Canada, Enquiry Centre, Ottawa
**Date:** 1985
**Subject:** water quality, uses and pressures, water management, federal and international arrangements, occasional Great Lakes
**Level:** undergraduate, graduate, teacher resource
**Cost:** free

**The Great Lakes: A Stewardship Left Unattended**

**Source:** Charles Stewart Mott Foundation
**Date:** 1989 annual report
**Subject:** state of water quality, research and management
**Level:** adult
**Cost:** free

**IAGLR Program and Abstracts - Annual Conference**

**Source:** International Association of Great Lakes Research
**Date:** 1989
**Subject:** overview of the latest Great Lakes research topics and listings of sources
**Level:** undergraduate, graduate, teacher resource
**Cost:** free with membership

**Living with the Lakes: Challenges and Opportunities**
**A Progress Report to the International Joint Commission**

Source: International Joint Commission - Ottawa or Washington
Date: 1989
Subject: a study in response to the reference from the Governments of Canada and the United States on the fluctuating water levels in the Great Lakes - St. Lawrence River basin
Level: grades 10 - 12, graduate, teacher resource
Cost: free

**Protecting Minnesota's Waters: Priorities for the 1989-1991 Biennium**

Source: Minnesota State Planning Agency
Date: 1989; 14p.
Subject: protecting Minnesota's inland lakes, groundwater and Lake Superior
Levels: general audience
Cost: free

**Report on Great Lakes Water Quality,**
**Great Lakes Water Quality Board**

Source: International Joint Commission, Great Lakes Regional Office
Date: annually and/or biennially since 1973
Subject: hazardous substances, law, legislation, Great Lakes region (printed in English and French)
Level: undergraduate, graduate, adult/general and teacher resource
Cost: free

**State of the Great Lakes Annual Report**

Source: The Office of the Great Lakes, Michigan Department of Natural Resources
Date: 1989
Subject: highlights of cleanup plans for Great Lakes pollution; progress made in implementation of regional agreements to control toxics pollution and emergency response to spills
Level: adult/general
Cost: free

**A Strategy for the Wise Use of Pesticides and Nutrients**

Source: Minnesota State Planning Agency
Date: December 1988; 61 p.
Subject: uses of pesticides and protection of nutrients in the home, forested lands, agriculture, parks and others
Level: undergraduate/adult
Cost: free

**Unfulfilled Promises: A Citizens' Review of the International**
**Great Lakes Water Quality Agreement**

Source: Great Lakes United
Date: February 1987; 96 p.
Subject: 1978 Great Lakes Water Quality Agreement
Level: adult
Cost: $5 US funds

**Water for Life — The Tour of the Great Lakes**

**Source:** Greenpeace - Great Lakes
**Date:** 1989
**Subject:** information and recommendations from Greenpeace's 1988 tour of the Great Lakes' portion of the North American Inland Waters Expedition
**Level:** undergraduate, graduate, teacher resource
**Cost:** $15 US funds

**Water Levels Bulletin**

**Source:** Fisheries and Oceans Canada, Communications Department
**Date:** monthly
**Subject:** levels, stream measurements, Great Lakes levels
**Level:** undergraduate, graduate and teacher resource
**Cost:** free

## *SECTION 9. SOURCES*

***This section contains a list of selected sources of material. These sources produce or collect bodies of information too numerous to list individually, although some important publications may be found listed specifically in other sections.***

**Acid Rain Foundation, Inc.**
**1410 Varsity Drive**
**Raleigh, NC 27606 (919)829-9443**

**Alberta Environment, Communications Branch**
**Oxbridge Place, 9820 106 Street**
**Edmonton, AB T5K 9Z9 (403)427-6310**
***Note:*** **newsletter (applicable to Great Lakes)**

**Apostle Islands National Lakeshore**
**Chief of Interpretation**
**National Park Service**
**Route 1, Box 4**
**Bayfield, WI 54814 (715)779-3397**
***Note:*** **Lake Superior Bibliography**

**Aquatic Project Wild**
**in United States contact:**
**Box 18060**
**Boulder, CO 80308-8060 (303)444-2390**
**or**
**in Canada contact:**
**Canadian Wildlife Federation**
**1673 Carling Avenue**
**Ottawa, ON T5K 2G6 (613)997-1095**

**Atmospheric Environment Services**
**4905 Dufferin Street**
**Downsview, ON M3H 5T4 (416)739-4759**
***Note:*** **occasional Great Lakes material**

**Bowling Green State University**
**Institute for Great Lakes Research**
**12764 Levis Parkway**
**Perrysburg, OH 43551 (419)372-2531**
***Note:*** **focus on ports, shipping, has all Army Corps of Engineers reports**

**Brauer Productions**
**402 Cass Street**
**Traverse City, MI 49684 (616)941-0850**

**Britannica Encyclopedia Educational Corp.**
**425 North Michigan Avenue**
**Chicago, IL 60611**
**(312)321-7100 or 1-800-558-6968**

**Britannica Learning Materials**
**P.O. Box 2249, Britannica Place**
**Cambridge, ON N3C 3N4**
**(416)891-1054 (519)658-4621**

**Bullfrog Films**
**Oley, PA 19547 (800)543-FROG**
***Note:*** **free catalogue upon request**

**Canada Centre for Inland Waters**
**Public Information, P.O. Box 5050**
**Burlington, ON L7R 4A6 (416)336-4981**
***Note:*** **Great Lakes water resources, publications, newsletter, audio-visuals**

**The Canadian Coalition on Acid Rain/**
**The Canadian Acid Precipitation Foundation**
**112 St. Clair Avenue West, Suite 401**
**Toronto, ON M4V 2Y3 (416)968-2135**
***Note:*** **free information packages**

**Canadian Department of External Affairs**
**Information Division**
**125 Sussex Drive**
**Ottawa, ON K1A 0G2 (613)996-9134**
***Note:*** **periodical/occasional Great Lakes**

**Canadian Embassy**
**Office of Information**
**Ambassade du Canada**
**Public Affairs Division**
**501 Pennsylvania Avenue, NW**
**Washington, DC 20036 (202)682-1740**
***Note:*** **periodical/occasional Great Lakes**

**Canadian Environmental Law**
**Research Foundation**
**517 College Street, Suite 401**
**Toronto, ON M6G 4A2 (416)960-2284**

**Canadian Institute for Environmental**
**Law and Policy**
**517 College Street, Suite 400**
**Toronto, ON M6G 4A2 (416)923-3529**
***Note:*** **occasional Great Lakes material**

**Carolina Biological Supply Company**
**Main Office and Laboratories,**
**Burlington, NC 27215**
**(919)584-0381 or 1(800)334-5551**
***Note:*** **producers of teacher resource and classroom ready materials, charts, maps, videos, filmstrips, games; catalog includes price lists**

**Carswell Legal Publications**
**2330 Midland Avenue**
**Agincourt, ON M1S 1P7 (416)291-8421**

**C.B.C. Enterprises**
**Educational Resources**
**Box 500, Station A**
**Toronto, ON M5W 1E6 (416)975-3500**

Center for Environmental Information
33 South Washington Street
Rochester, NY 14608 (716)546-3796
*Note:* occasional Great Lakes material

Center for Environmental Study
Room 70M, 143 Bostwick NE
Grand Rapids, MI 49503 (616)456-4848

The Center for the Great Lakes
435 N. Michigan Avenue, Suite 1408
Chicago, IL 60611 (312)645-0901
*Note:* student/teacher materials, newsletter, fact sheets on Areas of Concern
or
The Centre for the Great Lakes
320-1/2 Bloor Street West, Suite 301 Toronto, ON M5S 1W5 (416)921-7662

CFPL-TV London News
Box 2880
London, ON N6A 4H9 (519)686-8810
FAX (519)686-3288

Charles Stewart Mott Foundation
1200 Mott Foundation Building
Flint, MI 48502-1851 (313)238-5651

CHV Communications Inc.
18 Corwin Crescent
Downsview, ON M3H 2A1 (416)633-9079

Cleveland State University
Geography Department
1983 East Twenty-fourth Street
Cleveland, OH 44115 (216)687-2000

Concern, Inc.
1794 Columbia Road, NW
Washington, DC 20009 (202)328-8160

Conservation Education Association
Wisconsin Department of Natural Resources
Box 7921, Madison, WI 53701 (608)266-6790

Contemporary Books, Inc.
180 North Michigan Avenue
Chicago, IL 60601 (312)782-9181

Cornell Media Services
Distribution Center
Building 7-8, Research Park
Cornell University
Ithaca, NY 14853 (607)255-2080

Council of Great Lakes Governors
310 South Michigan Avenue, 10th floor
Chicago, IL 60604 (312)427-0092

Department of Natural Resources
Cornell University
Room 108, Fernow Hall
Ithaca, NY 14853 (607)255-2814

Department of Supply and Services
Canadian Government Publishing Centre
Ottawa, ON K1A 0S9 (613)997-2560

DePaul University
Chemistry Department
1036 W. Belden Avenue
Chicago, IL 60614 (312)341-8191

Detroit Free Press
321 West Lafayette
Detroit, MI 48231 (313)222-6600

Dossin Great Lakes Museum
Belle Isle, MI 48207 (313)267-6440
*Note:* photos, periodicals, abstracts and indexes on ships/shipping in the Great Lakes

Educational Images Ltd.
3456 Westside Station
Elmira, NY 14905 (607)732-1090

E.K. Tour Boat Service Ltd.
3A Hillyard Street
Hamilton, ON L8L 6A9 (416)521-0662

Enterprise for Education, Inc.
1320A Santa Monica Mall
Santa Monica, CA 90401 (213)394-9864

Environmental Hazards Management Institute
P.O. Box 932
Durham, NH 03824 (603)868-1496

Environmental Hazards Team
c/o NIMBI
R. R. #7
Dunnville, ON N1A 2W6 (416)774-4769

Environment Canada - Alberta
Environmental Protection
Room 210, 4999-98 Avenue
Edmonton, AB T6B 2X3 (403)468-8075
*Note:* videotape

**Environment Canada, Enquiry Centre**
**Environmental Protection Service**
**351 St. Joseph Blvd.**
**Ottawa, ON K1A 0H3 (613)997-2800**

**Environment Canada**
**Great Lakes Environment Program**
**Ontario Region**
**25 St. Clair Avenue East**
**Toronto, ON M4T 1M2 (416)973-6467/1093**

**Environment Canada**
**Great Lakes Water Levels Communications**
**Canada Centre for Inland Waters**
**P.O. Box 5050**
**Burlington, ON L7R 4A6 (416)336-4581**

**Environment Canada**
**Inland Waters Directorate**
**Editorial and Publications Division**
**Ottawa, ON K1A 0H3 (819)997-2601**

**Environmental Protection Office**
**City of Toronto**
**Department of Public Health**
**12 Shuter Street, Third floor**
**Toronto, ON M5B 1A1 (416)392-6788**
***Note:*** **materials on environmental protection**

**ERIC Clearinghouse for Science**
**Mathematics and Environmental Education**
**1200 Chambers Road, Third Floor**
**Columbus, OH 43212 (614)292-6717**

**Federation of Ontario Naturalists (FON)**
**355 Lesmill Road**
**Don Mills, ON M3B 2W8 (416)444-8419**
***Note:*** **Seasons magazine-Great Lakes issue**

**Fisheries and Oceans Canada**
**Communications Department**
**1134-200 Kent Street**
**Ottawa, ON K1A 0E6 (613)993-0999**

**Glenora Fisheries Station**
**Picton, ON K0K 2T0 (613)476-7877**

**The Globe and Mail**
**444 Front Street West**
**Toronto, ON M5V 2S9 (416)426-0005**

**Grand Valley State University**
**Department of Physics**
**Allendale, MI 49401 (616)895-2275/3179**

**Great Lakes Commission**
**Argus II Building**
**400 South Fourth Street**
**Ann Arbor, MI 48103-4816 (313)665-9135**

**Great Lakes Fishery Commission**
**1451 Green Road**
**Ann Arbor, MI 48105 (313)662-3209**

**Great Lakes Historical Society**
**480 Main Street**
**Vermilion, OH 44089 (216)967-3467**
***Note:*** **museum dealing with Great Lakes history, library use for members**

**Great Lakes Institute**
**University of Windsor**
**Windsor, ON N9B 3P4 (519)253-4232**
***Note:*** **technical reports**

**Great Lakes Program Office**
**207 Jarvis Hall**
**State University of New York**
**Buffalo, NY 14260 (716)636-2088**

**Great Lakes Research Consortium**
**214 Baker Laboratory, SUNY ESF**
**Syracuse, NY 13210 (315)470-6894**

**Great Lakes Tomorrow**
**720 Bathurst Street**
**Fourth Floor, Unit 3**
**Toronto, ON M5S 2R4 (416)536-9161**

**Great Lakes United**
**State University College at Buffalo**
**Cassety Hall, 1300 Elmwood Avenue**
**Buffalo, NY 14222 (716)886-0142**
**or**
**Canadian address:**
**P.O. Box 548, Station A**
**Windsor, ON N9A 6M6**

**Greenpeace**
**578 Bloor Street West**
**Toronto, ON M6G 1K1 (416)538-6470**
**or**
**Greenpeace Great Lakes**
**1017 West Jackson Blvd.**
**Chicago, IL 60607 (312)666-3305**

**Harbor House Publishers**
**221 Water Street**
**Boyne City, MI 49712 (616)582-2814**
***Note:*** **books, magazines on Great Lakes**

The Hartford Courant
285 Broad Street
Hartford, CT 06115 (203)241-6200

Hawkhill Associates, Inc.
125 East Gilman Street
Madison, WI 53703
1-800-422-4295: in state (608)251-3934
*Note:* free catalog on basic science literacy

Heldref Publications
Helen Dwight Reid Educational Foundation
4000 Albemarle Street NW, Suite 504
Washington, DC 20016 (202)362-6445

Illinois Department of Conservation
524 South Second Street
Springfield, IL 62701-1787 (217)782-7454
*Note:* natural resources (217)785-3450

Illinois Department of Energy
and Natural Resources
325 West Adams Street, Room 300
Springfield, IL 62704-1892 (217)785-2800

Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62794-9276 (217)782-5562
*Note:* produces pamphlets and reports on groundwater, slide-tape program and coloring book on water activities

Illinois-Indiana Sea Grant Program
Communications Office
University of Illinois
51 Mumford Hall, 1301 West Gregory Drive
Urbana, IL 61801 (217)333-9448

Illinois State Board of Education
100 North First Street
Springfield, IL 62777 (217)782-2826

Indiana Department of Education
Division of Curriculum
Office of the Superintendent
Room 229, State House
Indianapolis, IN 46204 (317)927-0111

Indiana Department of Natural Resources
Division of Water
2475 Directors Row
Indianapolis, IN 46204 (317)232-4160

Indiana Dunes National Lakeshore
1100 Mineral Springs Road
Porter, IN 46304 (219)938-0947

Inland Seas Education Association
P.O. Box 4223
Traverse City, MI 49685-4223 (616)271-6637

International Association
for Great Lakes Research (IAGLR)
University of Toronto, Scarborough Campus
1265 Military Trail
Scarborough, ON M1C 1A4 (416)978-2011
or
International Association
for Great Lakes Research (IAGLR)
University of Michigan
IST Building, 2200 Bonisteel Blvd.
Ann Arbor, MI 48109 (313)498-2007
*Note:* newsletter and conferences

International Joint Commission
Canadian Section Headquarters
100 Metcalfe Street, 18th Floor
Ottawa, ON K1P 5M1 (613)995-2984

International Joint Commission
Great Lakes Regional Office
100 Ouellette Avenue, Eighth Floor
Windsor, ON N9A 6T3 (519)256-7821
*or* P.O. Box 32869
Detroit, MI 48232 (313)226-2170

International Joint Commission
United States Section Headquarters
2001 S Street, N.W., Second Floor
Washington, DC 20440 (202)673-2222

Is Five Press
400 Mt. Pleasant Road
Suite 4
Toronto, ON M4S 2L6 (416)480-2408

Jennison Nature Center
3582 State Park Drive
Bay City, MI 48706 (517)686-9000
*Note:* book on Tobico Marsh $7 US funds proceeds towards the Center's programs

John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, IL 60605
(312)939-2426
*Note:* aquatic programs/workshops in Great Lakes, videos

Lake Michigan Federation
59 East Van Buren Street, Suite 2215
Chicago, IL 60605 (312)939-0838
or
647 West Virginia
Milwaukee, WI 53204 (414)271-5059

Lake Superior Center
353 Harbor Drive
Duluth, MN 55802 (218)727-1552

Laurel Creek Centre
Waterloo Region R.C. School Board
91 Moore Avenue
Kitchener, ON N2G 3X5 (519)885-1289

Marine Museum of the Great Lakes at Kingston
55 Ontario Street
Kingston, ON K7L 2Y2 (613)542-2261
*Note:* education programmes

Michigan Department Of Natural Resources
P.O. Box 30028
Stevens T. Mason Building
Lansing, MI 48909
general information - (517)373-1220
newsletter - (517)373-1214
education - (517)373-4223

Michigan Natural Resources Magazine
(Michigan Book Central)
P.O. Box 30034
Lansing, MI 48909
in Michigan 1-800-292-2525
out-of-state 1-800-248-5848

Michigan Sea Grant Extension
Cooperative Extension Service
Michigan State University
10-B Agriculture Hall
East Lansing, MI 48824-1039 (517)355-0240

Michigan Sea Grant Publications Office
University of Michigan
2200 Bonisteel Boulevard, IST Building
Ann Arbor, MI 48109-2099 (313)764-1138

Michigan State University
334 Natural Resources Building
East Lansing, MI 48824-1222 (517)353-9568
Institute of Water Research (517)353-3742
Instructional Media Center (517)353-3960

Michigan United Conservation Clubs
Education Department
2101 Wood Street, Box 30235
Lansing, MI 48909 (517)371-1041
*Note:* Extensive conservation education program as affiliate of National Wildlife Federation

The Milwaukee Journal
P.O. Box 661
Milwaukee, WI 53201 (414)224-2000

Minnesota Board of Water and Soil Resources
155 South Wabasha, Suite 104
St. Paul, MN 55107 (612)296-3767

Minnesota Department of Education
644 Capitol Square Building
St. Paul, MN 55101 (612)296-4069

Minnesota Department of Natural Resources
500 Lafayette Road
St. Paul, MN 55146 (612)296-6157

Minnesota Pollution Control Agency
Public Information Office
1935 West County Road, B2
Roseville, MN 55113 (612)296-6300/7331

Minnesota Sea Grant College Program
University of Minnesota
116 Classroom-Office Building
1994 Buford Avenue
St. Paul, MN 55108 (612)625-9288

Minnesota Sea Grant Extension Service
University of Minnesota
208 Washburn Hall
2305 East 5th Street
Duluth, MN 55812 (218)726-8106

Minnesota State Planning Agency
Environmental Division
Room 100, Capitol Square Building
530 Cedar Street
St. Paul, MN 55101 (612)296-3985

National Aquarium in Baltimore
Pier 3, 501 East Pratt Street
Baltimore, MD 21202 (301)576-3887

National Earth Science Teacher's Assn.
c/o 733 Lorraine Street
Grosse Pointe, MI 48230 (313)882-2569

National Film Board of Canada
Toronto only: rental (416)973-9093
purchase (416)973-2395
booking & sales - FAX (416)973-6318
Ontario: 1-(800)267-7110
Quebec: 1-(800)363-0328
United States: (212)586-5131
or call your nearest NFB office

National Geographic Society
Educational Services
211 Watline Avenue, Suite 210
Mississauga, ON L4Z 1P3 (416)890-1111
or U.S. toll : (800)368-3728
in Washington: (202)921-1330

National Oceanic and Atmospheric Administration (NOAA)
Great Lakes Water Levels Section
Office of Oceanography and Marine Services
6001 Executive Boulevard
Rockville, MD 20852 (301)443-8631
*Note:* occasional Great Lakes material

National Park Service
Midwest Regional Office
1709 Jackson Street
Omaha, NB 68102 (402)221-3431

National Public Radio
Cassette Publishing
2025 M Street, NW
Washington, DC 20036 (800)253-0808

National Science Teachers Association
1742 Connecticut Avenue NW
Washington, DC 20009 (202)328-5800
*Note:* Lists of resources, teachers' guide, posters available, occasional Great Lakes material

National Survival Institute
One Nicholas Street, Suite 406
Ottawa, ON K1N 7B7 (613)232-6634

National Water Research Institute
The Editor, NWRI Digest
P.O. Box 5050
Burlington, ON L7R 4A6 (416)336-4971

National Wildlife Federation
Great Lakes Office
802 Monroe
Ann Arbor, MI 48104 (313)769-3351

New York Sea Grant Extension Program
21 South Grove Street
East Aurora, NY 14052 (716)652-5453

New York Sea Grant Extension Program
Cornell University
12 Fenow Hall
Ithaca, NY 14853-3001 (607)255-2832

New York Sea Grant Institute
Dutchess Hall
New York Sea Grant College
SUNY/Stony Brook
Stony Brook, NY 11794-5001 (516)632-6905

New York State Department of Education
Room 314H
Albany, NY 12234 (518)474-2121

New York State Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233 (518)457-0849

North American Association for Environmental Education (NAEE)
5995 Horseshoe Bend Road, Box 400
Troy, OH 45373 (513)698-6493

Office of the Great Lakes
Michigan Department of Natural Resources
P.O. Box 30028
Lansing, MI 48909 (517)373-3588

Ohio Department of Education
Division Elementary & Secondary Education
65 South Front Street, Room 1005
Columbus, OH 43266 (614)466-2211

Ohio Department of Natural Resources
1939 Fountain Square, Bldg E-3
Columbus, OH 43224 (614)265-6712

Ohio Environmental Council
22 E. Gay Street, Suite 300
Columbus, OH 43215 (614)224-4900

Ohio Environmental Protection Agency
Public Interest Center
P.O. Box 1049, 1800 WaterMark Drive
Columbus, OH 43266-0149 (614)644-2168

Ohio Sea Grant College Program
The Ohio State University
1541 Research Center Building
1314 Kinnear Road
Columbus, OH 43212-1194 (614)292-8949

Ohio Sea Grant Education Program
The Ohio State University
059 Ramseyer, 29 West Woodruff
Columbus, OH 43210-1085 (614)292-1078

The Ohio State University
School of Natural Resource
2021 Coffey Road
Columbus, OH 43210-1085 (614)292-2265

Ontario Association for Geographic
and Environmental Education
P.P.S.
36 Bessemer Court, Unit 3
Concord, ON L4K 3C9

Ontario Environment Network
Box 125, Station P
Toronto, ON M5T 2Z7 (416)925-1322

Ontario Ministry of the Environment
Public Information Centre
135 St. Clair Avenue West
Toronto, ON M4V 1P5 (416)323-4321
*Note:* English and French material

Ontario Ministry of Natural Resources
Public Information Centre
Whitney Block
99 Wellesley Street West
Toronto, ON M7A 1W3 (416)965-7883

Ontario Teachers' Federation
Suite 700, 1260 Bay Street
Toronto, ON M5R 2B5 (416)966-3424

Ontario Waste Management Corporation
2 Bloor Street West, 11th Floor
Toronto, ON M4W 3E2 (416)923-2918

Outdoor America
Izaak Walton League of America
1401 Wilson Blvd., Level B
Arlington, VA 22209 (703)528-1818

Pennsylvania Department of Education
Office of Environmental Education
Bureau of Curriculum and Instruction
333 Market Street, Eighth Floor
Harrisburg, PA 17126-0333 (717)787-9845

Pennsylvania Department of Environmental
Resources
Office of Public Liaison
Box 2063
Harrisburg, PA 17120-2063 (717)783-8303

The Pennsylvania State University
Environmental Resources Research Institute
Land and Water Research Building
University Park, PA 16802 (814)865-4700

Pollution Probe Foundation
12 Madison Avenue
Toronto, ON M5R 2S1 (416)926-1907
*Note:* books, newsletter, Great Lakes material

Portable Theatre
c/o Howard Jerome
778 Palmerstoy Avenue
Toronto, ON M6G 2R5 (416)538-1085

Public Focus
92 Shaftesbury Avenue
Toronto, ON M4T 1A5 (416)975-9463

Rawson Academy of Aquatic Science
Education and Information
One Nicholas Street, Suite 404
Ottawa, ON K1N 7B7 (613)563-2636

Royal Canadian Geographical Society
39 McArthur Avenue
Vanier, ON K1L 8L7
1-(800)267-0824 or (613)745-4629

Schlitz Audubon Center
111 East Brown Deer Road
Milwaukee, WI 53217 (414)352-2880

Science Teachers Association
Faculty of Education
University of Toronto
371 Bloor Street West
Toronto, ON M5S 2R7 (416)978-3222

Sea Grant Institute
and the Inst for Env Studies
University of Wisconsin-Madison
Communications Office
1800 University Avenue
Madison, WI 53705 (608)263-3259

Sierra Club
214 N Henry Street, #203
Madison, WI 53703 (608)257-4994

Sierra Club, North Star Chapter
1313 Fifth Street SE, Suite 323
Minneapolis, MN 55414 (612)379-3853

Sigurd Olson Environmental Institute
Northland College
Ashland, WI 54806 (715)682-1223

SMEAC
subsystem of database ERIC
400 Lincoln Tower
Ohio State University
Columbus, OH 43210 (614)422-6717
*Note:* a phone call is preferred when requesting materials

Societe Pour Vaincre La Pollution
C.P. 65 Place d'armes
Montreal, PQ H2Y 3EP (514)844-5477

Society, Environment & Energy Development
Studies Foundation (SEEDS)
General Delivery, 50 Belmont Crescent,
Midhurst, ON L0L 1X0 (705)726-2276

Southam Newspapers
c/o The Windsor Star
Educational Services
167 Ferry Street
Windsor, ON N9A 4M5 (519)255-5711

State University of New York Press
Dutchess Hall
Stony Brook, NY 11794-5001 (516)632-6909

TV Ontario
in Canada: P.O. Box 200, Station Q
Toronto, ON M4T 2T1
within ON customer service(416)484-2612
outside ON marketing (416)484-2613
in United States: sales office
143 West Franklin Street
Suite 206
Chapel Hill, NC 27516 1-800-331-9566

University of Michigan
Film and Video Library
400 Fourth Street
Ann Arbor, MI 48103-4816 1-800-999-0424
*Note:* free film and video library catalog

University of Michigan
School of Natural Resources
Dana Building
Ann Arbor, MI 48109 (313)763-3758

University Microfilms International
300 North Zeeb Road
Ann Arbor, MI 48106 (313)761-4700
(800)345-9084 within United States
(800)343-5299 outside United States

University of Waterloo
c/o Alternatives
Faculty of Environmental Studies
Waterloo, ON N2L 3G1 (519)885-1211

University of Wisconsin Extension
Bureau of Audio-Visual Instruction
1327 University Avenue, Box 2093
Madison, WI 53706-2093 (608)262-1644
*Note:* nominal charges plus shipping
(shipping not available to Canada)

University of Wisconsin Extension
Environmental Research Center
1450 Linden Drive
Madison, WI 53706 (608)262-2106

University of Wisconsin
Institute of Environmental Studies
550 North Park Street
Madison, WI 53706 (608)262-5957

University of Wisconsin
Sea Grant College Program
Communications Office
1800 University Avenue
Madison, WI 53705 (608)263-3259

U.S. Army Corps of Engineers
McNamara Building
477 Michigan Avenue
Detroit, MI 48231 (313)226-4680

U.S. Environmental Protection Agency
Great Lakes National Program Office
536 South Clark Street
Chicago, IL 60625 (312)353-1325

U.S. Environmental Protection Agency
Office of Public Affairs - Region V
230 South Dearborn Street
Chicago, IL 60604 (312)353-2072/3209
Water Division - (312)353-2154
Books - (312)353-2117
*Note:* films are free - must pay postage

U.S. Fish and Wildlife Service
Film Library
Bishop Henry Whipple Federal Building
Fort Snelling
Twin Cities, MN 55111 (612)725-3582

U.S. National Park Service
P.O. Box 37127
Washington, DC 20013-7127 (202)254-3676
*Note:* directory of air quality, audiovisual materials

U.S. Water News, Inc.
The Freshwater Foundation
230 Main Street
Halstead, KS 67056 (316)835-2222

Visual Education Centre
Unit 1, 75 Horner Avenue
Toronto, ON M8Z 4X5 (416)252-5907

Waste Systems Institute of Michigan Inc.
400 Ann Street NW, #201-A
Grand Rapids, MI 49504-2054 (616)363-3262

Water Conservation Systems, Inc.
Damonmill Square
Concord, MA 01742 (508)369-3951

Waterloo Centre for Groundwater Research
University of Waterloo
Department of Earth Sciences
Waterloo, ON N2L 3G1 (519)885-1211 ext 2892

Water Pollution Control Federation
Public Education Department
601 Wythe Street
Alexandria, VA 22314-1994 (703)684-2438

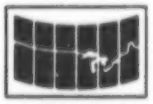
Wisconsin Department of Natural Resources
Bureau of Information and Education
P.O. Box 7921
Madison, WI 53707 (608)266-6790
*Note:* water management (608)267-7610

Wisconsin Department of Natural Resources
Lake Michigan District Headquarters
P.O. Box 10448
Green Bay, WI 54307 (414)497-4040

Wisconsin Department of Public Instruction
125 South Webster Street, P.O. Box 7841
Madison, WI 53707 (608)267-9266

WNMU-TV
Northern Michigan University
Marquette, MI 49855 (906)227-1300

World Game Institute
University City Science Center
Program Coordinator
3508 Market Street
Philadelphia, PA 19104 (215)387-0220



International Joint Commission
United States and Canada

Great Lakes Regional Office
100 Ouellette Avenue, Eighth Floor, Windsor, Ontario N9A 6T3
or P.O. Box 32869, Detroit, Michigan 48232